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THE

ENCYCLOPEDIA

OF

PURE MATERIA MEDICA.

A RECORD OF THE

POSITIVE EFFECTS OF DRUGS UPON THE HEALTHY HUMAN ORGANISM.

EDITED BY

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VOL. IX.

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ENCYCLOPEDIA

OF

PURE MATERIA MEDICA.

SILICEA.

Silicic acid, Kieselerde.

Preparation, Triturations of pure precipitated Silica.

Authorities (Nos. 1 to 7 *a*, from Hahnemann). **1**, Hahnemann; **2**, Foissac; **3**, Goullon; **4**, Gross; **5**, Hering; **6**, Stapf; **7**, Wahle; **7** *a*, "Rl.;" **8** and **9**, from Hartlaub and Trinks, R. A. M. L., 3, 218; **10**, omitted; **11**, Knorre, A. H. Z., 6, 37, effects of ¼ grain of crude S. (Nos. 12 to 26, from Ruoff's provings, Hygea, 8, 1, 1838);† **12**, "N. N.," took 40 drops of 30th dil. first, third, and fifth days, 21st dil. twelfth and fourteenth days, 100 drops of 17th dil. sixteenth day, 5th dil. nineteenth and twentieth days; **13**, O. R., took 30th dil. first, third, and fifth days, 21st dil, twelfth and fourteenth days, 17th dil. sixteenth day; **14**, N., took 24th dil. first day, 23d dil. third day, 18th dil. sixth, eleventh, thirteenth, and fourteenth days, 6th dil. seventeenth day, 28th dil. eighteenth day, 4th dil. twenty-first and twenty-fourth days; **15**, a girl, aged twenty, took 24th dil. for seven days, 18th dil. tenth, eleventh, and twelfth days, 12th dil. fifteenth and sixteenth days, and after two weeks took 12th, 9th, and 4th dils.; **15** *a*, same, took 4th dil. two successive days, then 1st trit. on sixth day; **15** *b*, same, took repeated doses of 3d and 2d trits. and 4th dil.; **15** *c*, same, took 3 drops of "Spiritus sil.;" **16**, "C.," took 24th dil. first day, 23d dil. second day, 18th dil. fifth day; **17**, "A. Z.," aged eight, took 30th for three days, 21st dil. sixth, seventh, and eighth days; **18**, "M.," took 25th first day, 13th fourth day, 6th dil. fifth day, 3d trit. sixth day, 2d trit. seventh day, 3d trit. eighth day, 1st trit. tenth day; **18** *a*, same, took 3d trit. two days, 2d trit. seventh day, 3d trit. eighth day, 1st trit. tenth day; **19**, "G. W.," took 25th dil. first day, 13th, 6th, and 5th dils. fourth day, 4th dil. fifth day, 3d and 2d trits. sixth day, 2d trit. seventh day, 3d trit. eighth day, 2d trit. tenth day, 1st trit. twelfth day; **19** *a*, same, took 4th dil., 3d, and 2d trits.; **20**, J. P. W., took 25th dil. two days, 6th dil. third day, and afterward at various times 16th and 6th dil.; **20** *a*, same, took tincture;

---

† The higher dilutions were prepared after Hahnemann's method, except that 2 to 3 drops were used to each dilution; the 1st, 2d, and 3d *liquid* preparations were made from the "Spiritus silicæ," by digesting 9 grains of Sil. with 6 drachms of Alcohol, and also by digesting 2 grains of Sil. with 1 drachm of Alcohol.

20 *b*, same, 3d trit.; **21**, Jacob W., took 4th dil.; **22**, Barbara, aged twenty-two, took 30th dil. three days, 21st dil. seventh day, 13th dil. eighth to twelfth day; 7th dil. fourteenth to seventeenth day; **23**, P. F., took 30th dil. first, third, fifth, and seventh days, 20th dil. tenth day, 16th dil. fifteenth day, 10th dil. twenty-first day, 6th dil. thirty-third and thirty-ninth days, 4th dil. forty-second and forty-fifth days, 3d trit. fiftieth and fifty-fourth days; **24**, C. Z., a girl aged seventeen, took 21st dil. first, third, and fifth days, 12th dil. tenth day, 4th dil. sixteenth and eighteenth days, 1st dil. twenty-first, twenty-eighth, and thirty-fifth days, tincture forty-third day; **25**, F. X., took 5th dil. first day, 4th dil. second day, tincture fourth day, 3d trit. sixth day, tincture eleventh, eighteenth, and twenty-second days, 20 drops of tincture twenty-sixth day, 16 drops tincture evening twenty-ninth day; **26**, L. S., took 16th dil. two days, 12th dil. seventh day, 3d trit. twelfth and twentieth days, tincture twenty-sixth day, 40 drops tincture thirty-third day, 36 drops of 1st dil. thirty-seventh day, 1st trit. forty-second day, 100 drops tincture forty-fifth day; **27**, Becker, Hygea, 22, 402, proving with Aqua silicata (each ounce contained one-twentieth grain of Sil., in proportion of 1 to 9300), took 10 drops and rubbed gums with water two days, 10 drops fourth, sixth, and seventh days, 20 drops eighth day, 10 drops ninth day, 20 drops tenth day;† **28**, Hencke, A. H. Z., 55, 135, effects of inhaling dust while triturating (Nos. 29 to 42, from Robinson's provings, Br. J. of Hom., 25, 333); **29**, 200th dil. every third morning; **30**, 30th dil. every third morning, in a young woman; **31**, 200th dil. as before, in young woman; **32**, same, same doses in young woman; **33**, 1000th dil. same doses, young woman; **34**, 30th dil. as before, young woman; **35**, man, 200th dil. night and morning; **36**, young woman, 1000th dil. every third morning; **37**, child, 30th dil. night and morning; **38**, man, 30th dil. every third morning; **39**, young woman, 200th dil. once a week; **40**, young woman, 200th dil. every third morning; **41**, young woman, 200th dil. every third morning; **42**, man, 200th dil. every second morning.‡

Mind.—Emotional. Unsteady and confused in his actions,[1].—Nervous excitement (eighth day),[16].—The child becomes obstinate and headstrong,[1].—Obstinate,[1].—Longing for home,[1].—**Very easily startled*,[1].—***Sensitiveness to noise**, *and anxiety therefrom*,[1].—**Very sensitive*, even weeping mood (fourth day),[15].—Weeping mood for two hours without any particular thoughts,[1].—[**10.**] The slightest word brings tears,[1].—Gloominess; she felt as if she would die, and for the time lost her memory,[34].—Low-spirited, and weeps every morning,[32].—**Gloomy mood* (twentieth day),[12].—Mind sad (seventeenth day),[12].—Low-spirited and over-anxious about himself,[29].—**Great depression and irritability* (forty-second day),[15].—**Depression of spirits* (nineteenth day),[12].—**Dejected*,[1].—**Dejected and melancholy*,[3].—[**20.**] Internal loathing of life,[1].—He woke with great anxiety about midnight, could not move in spite of every effort, and imagined that thieves were breaking in; on rising he became quiet, after lying down the anxiety

† Prover has had attacks of violent faceache, has many bad teeth, sleeps badly, can never sleep on left side on account of suffocation and nightmare.

‡ Cases of phthisis pulm., occurring in knife-grinders and metal-polishers, reported by Dr. Desayrre, Ann. d'Hyg. Pub., 1856, attributed to the absorption of large amounts of Silica, are omitted. Examination of lungs demonstrated large deposits of silica, iron, and lime phosphate. Dr. Jousset has pointed out the remarkable similarity between the symptoms of these cases and those in Hahnemann's Pathogeneses (L'Art Med., 5, 198).

returned (after thirty-seven days).[1].—Frequent attacks of anxiety, so that he could not remain sitting,[1].—**Great anxiety from a start*,[1].—He woke with anxiety and incarceration of flatus, both of which disappeared after moving about in the house, without emission of flatus (after eight days),[1]. —Awoke with anxiety and stupefying vertigo,[3].—On waking at night from an anxious dream she remained very anxious and her heart beat audibly,[1]. —**Most excessive scruples of conscience about trifles frequently*, as though he had done a great wrong,[4].—Discontentment,[1].—Great irritability and painful sensitiveness to touch (after four days),[1].—[**30.**] **Irritable and depressed mood* (after eight days),[16].—* *Very irritable and low spirited*,[30].—**Irritable and peevish mood* (sixteenth day),[15].—Peevish and quarrelsome, in the the evening,[1].—**Peevish* (ninth day),[1].—Very irritable though lively,[1].— **Loud talking annoys him*,[1].—Whimsical and fault-finding,[1].—She is ill-humored and peevish, in the forenoon (sixth day),[8].—Out of humor and despondent,[1].—[**40.**] She could and would do nothing on account of ill-humor,[1].—He easily gets out of humor, though with the best intentions,[1].— Is easily made angry,[1].—Everything frets her and makes her peevish,[1].— Fretful,[1].—Trifles frequently make him fretful,[1].—**Restless and fidgety, starts at the least thing*,[32].—Frequent restlessness and impatience, so that he did not know what to do,[1].—***Intellectual.*** Great activity of mind (second day),[15].—Great facility of thought and fluent expression (seventh, eighth, and ninth days), (secondary action),[2].—[**50.**] Great indolence for mental work; nearly fell asleep while teaching,[1].—Disinclination for mental work (sixteenth day),[12].—Disinclination to mental effort (third day),[20]. —**Great difficulty in fixing the attention*,[29].—**Thought difficult* (first day),[2]. —**Mental labor is very difficult*,[1].—She gets confused and makes mistakes, half knowing what she is about, and yet unable to control herself; she had almost put a watch into the saucepan to boil instead of an egg,[32].— Great distraction of mind, in the forenoon, with uneasiness in the head and pit of the stomach,[1].—Distraction of mind; he is almost always trying to think of two things at the same time,[4].—Inability to read, write, or think, becoming worse from noon to 6 P.M., and disappearing in the evening after eating (second day),[2].—[**60.**] Easily makes mistakes in talking,[3].—Memory weak (seventeenth and twentieth days),[12].—Forgetful and dizzy, every morning,[1].—Loss of memory, forgetfulness,[1].—Constant vanishing of the senses (second day),[16].

Head.—Confusion and Vertigo. The head is very much confused, with constant suffering in the sinciput (sixteenth day),[12].—Confusion of the head (after four days),[1].—* *Vertigo*,[12 13 15], etc.—Vertigo as from intoxication (eleventh day),[22].—Vertigo on rising, dizzy stupefaction of the head, with nausea, even to vomiting; relieved while riding in the open air, returning on entering the house; the room seemed to whirl around with her, and she staggered to and fro (after thirty-eight days),[1].—[**70.**] Vertigo, while sitting and standing, in the evening,[1].—Vertigo, after the usual smoke and snuff; if he closes the eyes, everything seems to whirl around; it ceases on opening the eyes,[1].—Vertigo, as if he were being raised up,[1].— Vertigo, even on raising the eyes to look upward,[1].—At breakfast, vertigo, as if the head would fall to the left, with heat in the face and sweat on the forehead,[1].—Vertigo, with qualmish nausea; water is regurgitated,[1].—Sensation of vertigo, in the morning while fasting,[1].—Vertigo, while walking forward, it seemed as though he were walking backward,[1].—Stupefying vertigo, in the morning on rising,[1].—Vertigo, on rising up,[3].—[**80.**] Vertigo, only while sitting, not while walking, especially while riding in a car-

riage, when suddenly for a moment he lost consciousness, though without blackness before the eyes,[1].—Attacks of vertigo, towards evening, in the open air; aggravated by the slightest reflection,[4].—Vertigo, with qualmish nausea, on rising up in bed in the morning, so that she was obliged to fall back again,[1].—**Attacks of vertigo seem to rise painfully from the back, through the nape of the neck to the head, so that she does not know where she is, and is constantly inclined to fall forward*,[1].—Vertigo, even during sleep about midnight, with heat in the head,[1].—Vertigo, with nausea, in the middle of a dream, at night,[1].—* *Vertigo all day, while stooping at work* (first day),[8].—Vertigo, even to falling down, on rising from bed (fourth, fifth, and sixth days),[8].—Vertigo, with pains in the sinciput (sixteenth day),[12].—Vertigo and dimness before the eyes, so that he could not see farther than five paces (after half an hour),[12].—[**90.**] Vertigo, followed by heat of the head, and afterwards sweat and weakness (first day),[18].—Reeling vertigo, with dimness of vision (nineteenth day),[12].—Vertigo, so that objects seem turning in a circle (eighth day),[18a].—Vertigo, with headache, so that he lay down in bed (first day),[19].—Constant vertigo, as if something were moving to and fro in the head, even while sitting still, less while lying down,[1].—Vertigo woke him at night, worse during rest than on motion, especially severe on rising after stooping, lasting a part of the next day (fifty-seventh day),[23].—Excessive vertigo, while walking it sometimes seemed as though she did not know where she was and that she would fall from side to side,[1].—Violent vertigo, in the morning, so that while walking she was obliged to steady herself, it drew her toward the right side, with nausea; several days in succession, and so violent in the afternoon that she was obliged to lie down (after twelve days),[1].—Severe vertigo, that never left him, with great dulness of the head,[1].—Violent vertigo, without qualmishness, with good appetite, at noon while eating,[1].—[**100.**] Great vertigo, lasting an hour, with dimness of vision (after half an hour, twelfth day),[12].—Violent vertigo after going to bed, only when lying on the left side,[19a].—Slight vertigo all day, with some nausea,[1].—Extreme dizziness,[29].—Dizziness as if he were stupid, he could not collect his thoughts so as to express himself properly, and spoke nearly every word incorrectly, immediately,[1].—Dizzy and confused in the head, so that he constantly feared to fall whenever he moved or stooped; he could not walk steadily for several weeks,[1].—Dizziness, in the morning on rising (twentieth day),[12].—Dizziness in the head, in the forepart of the night (fifth night),[19].—Dizziness and whirling every morning, for half an hour after rising, while walking and sitting, with headache for an hour or two; on stooping it seemed as though he would fall down,[1].—Dizzy, staggering, unsteady, while walking,[1].—[**110.**] Reeling as if the bed were turning around, whenever he lies upon the left side, at night (sixth night),[19].—She almost constantly felt intoxicated,[1].—Objects seem whirling around (fourth day),[18].—Her head went swimming around as if she was drunk; she had to sit down,[32].—Slight reeling (third day),[12].—Reeling, in the morning on rising from bed,[1].—In the head a strange feeling, as if she would fall over, with ringing in the ears,[1].—He felt extremely giddy,[35].—***General Head.*** Rush of blood to the head, at night,[1].—Painful rush of blood to the head, with heat and sticking, waking him at 2 A.M.,[1].—[**120.**] Rush of blood to the head, with throbbing in the top of the head and forehead, with heaviness of the head,[1].—**Rush of blood to the head and burning in the red face*, at 4 P.M. (third day),[8].—Rush of blood to the head, with stitches in the occiput,[1].—Great rush of blood to the head when rising from a seat, with feeling of fulness in the brain,[1].—Frequent

rushes of blood to the head with jerking and starting in sleep,[32].—Head dull; constant pressive pain in the left temple, throbbing (twenty-first day),[23].—Head dull and dizzy (tenth day),[16a].—Dulness of the head, with bruised sensation in the body,[1].—Dulness, as from too much blood in the head, without pain,[6].—Dulness of the head immediately from a little conversation, with general exhaustion, so that he was obliged to stop conversing,[4].—[**130.**] Great dulness in the head, in the whole of the forehead (twenty-first day),[24].—Stupefaction of the head (second day),[16].—Heaviness of the head,[1].—Head heavy, in the forenoon; some transient stitches in the temple towards the forehead, in the afternoon (thirty-ninth and fortieth days),[23].—Heavy headache, as from lead in the brain, increasing from forenoon till night,[1].—Sensation of fulness and heaviness in the head in the afternoon, lasting till night (first day),[28].—Head heavy and confused (seventeenth day),[12].—**It seems as though she could not hold up her head*,[1].—Extreme heaviness of the head, she cannot hold it up it feels so weighty,[32]. Weariness of the head (first day),[2].—[**140.**] Weakness of the head (first day),[16a].—Frequent tightness of the head and chest, with anxiety,[1].—**Headache*,[21]; (fifth day),[17]; (first day),[19].—Headache, at night,[3].—**Headache caused by hunger*,[1].—Headache, on waking (twenty-fifth day),[14].—**Headache, as if everything would press out and burst the skull*,[1].—**Headache, as if the brain and eyes were forced forward*,[1].—***Headache, rising from the nape of the neck to the vertex,** *as if coming from the back* (after twenty-one days),[1].—Headache, which seems to come from the stomach; heaviness in the forehead, together with a painful tearing, that drew the head sideways (tenth day),[8].—[**150.**] Headache over the whole head (tenth day),[16a].—Headache, associated with nausea, and inclination to vomit (fourth day),[19].—**Headache woke him at night* (fifth day),[17].—Pains in the head (after 30th dil.),[13].—Pains alternating in different parts of the head, for an hour in the sinciput, afterwards in the whole head; tearing in the right temple, tearing in the occiput, in the right temple, afterwards in the left, about 1 P.M. (nineteenth day),[12].—Pain in the anterior portion of the brain, as from pressure, increasing from 12 to 2 o'clock (first day),[2].—Violent headache (first day),[16a].—Violent headache; jerking pain, associated with violent stitches; tearing stitches extending over the temple to the left ear; sticking pain extending from the left ear to the root of the nose, where it caused a single stitch (seventh day),[19].—Violent headache, from 3 to 9 P.M., after which the pain abated somewhat, followed by great weariness and sleepiness (third day),[12].—Violent headache, as if violent stitches were piercing the vertex,[1].—[**160.**] **The most violent headache, with loss of consciousness*, so that she groaned and cried aloud for help (after forty-six days),[1].—Cold kind of headache, from nape of neck to vertex,[32].—He feels in the head and limbs every change of weather,[1].—A distressing sensation as if everything in the head were alive and turning and twisting about,[1].—Sensitiveness of the head, as after violent headache (after seventeen days),[1].—The head feels as if falling off, causing straining pains at back of neck, as though the head was hanging by a piece of skin at the nape,[32].—She feels as if water-pipes were bursting in the head,[34].—**Roaring and shattering in the brain, when stepping hard or knocking the foot against anything*,[1].—Pinching in the head, while walking,[1].—Compression of the brain (second day),[2].—[**170.**] **Pressure, tension, and pressing in the head, as if pressed or forced asunder*,[1].—Pressive headache, with ill-humor and heaviness in all the limbs,[1].—Pressure in the head (sixth day),[14].—Pressure and heaviness in the brain (eleventh day),[15].—Pressure in the

head, with weakness of the body,[1].—Pressive pain in the head (eighth day),[15].—**Pressive headache at night; she could not remember where she was;* everything turned around, with throbbing at the heart (after seventeen days),[1].—**Violent pressive headache, in the morning, extending into the eyes, associated with violent chill, in the afternoon with nausea and weakness, so that she thought she would faint; the eyes are painful on turning them sideways or on closing them, and when closed are still more painful to touch* (eleventh day).[1]—Tearing headache,[13].—Tearing and sticking in the head, in the afternoon,[1].—[**180.**] Tearing in the head, extending from one eye to the other (sixteenth day),[15].—***Tearing in the whole of the head, starting from the occipital protuberances and extending upward and forward over both sides of the head** (eighth day),[18a].—Painful jerking-tearing in the head (fifth day),[12].—Sudden painful tearing in the head, in the evening in bed (third day),[8].—**Tearing pain as if the head would burst, with throbbing in it, commencing at the crown, as if internal and external at the same time, with chilliness; he was obliged to lie down and tossed about in bed for four hours;* **relieved by binding the head tightly**,[1].—**Violent tearing in the head, as if the forehead would be torn asunder* (twelfth day),[26].—Painless jerks and twitchings in the head,[1].—Jerking in the head, followed by throbbing in the right ear, in the evening on falling asleep,[1].—Jerking through the head, ending with a stiffness in the occiput, in the evening in bed,[1].—Stitches through the head (second day),[22].—[**190.**] Stitches from within outward in the brain,[1].—Confused stitches in the head, with great depression of spirits and much peevishness (after eleven days),[1].—Dull stitches, sometimes like tearings in the whole head, most frequent in the right frontal eminence, at 11 A.M. (fifth day),[8].—Pulsation in the head, throbbing of the heart, and shuddering through the whole body, in the evening on falling asleep, lasting several minutes,[1].—Tearing throbbing headache, with eructations,[3].—***Forehead.*** Rushes of blood to the forehead,[32].—Sensation of dulness in the forehead and nose, extending into the teeth of the upper jaw (first day),[23].—Dull pain in the forehead and temples, alternating with tearing pains in the head, especially in the forehead,[20b].—Violent dull headache in the right side of the forehead (first day),[24].—Headache like a heaviness in the forehead, in the morning after rising, and in the afternoon (ninth day),[8].—[**200.**] Pains in the forehead,[12 14 17].—Pains in the forehead, at noon (second day),[22].—Pain in the middle of the forehead (sixth day),[19].—Pains drawing back and forth over the whole forehead (twelfth day),[26].—The forehead seems numb and dead,[1].—Pain in the middle of the forehead (fourth day),[17].—Headache in the left side of the forehead (fifth day),[17].—Pain in the left side of the forehead (fourth day),[17].—**Violent headache above the eyes, so that he could scarcely open them*, returning after each dose (fourth day),[19].—Violent headache, especially in the middle of the forehead, worse while sitting and walking, associated with vertigo (fourth day),[19].—[**210.**] Violent pains in the forehead, with tearing pains in the forepart of the head,[13].—**Headache, consisting of a bruised pain above the eyes, so that he could scarcely open the eyes; the headache first affected the left side of the forehead, it was a sticking extending towards the other side by the eye, pressive, aggravated by opening the eyes* (fourth day),[19].—Boring headache in the forehead, for many days in succession,[1].—**Headache; a pressive jerking in the middle of the forehead, renewed by suddenly turning around, stooping, or talking* (after ten days),[1].—Pressive frontal headache from slight mental work (after three days),[1].—Pressive pain in the forehead in the morning, awhile after rising, not aggravated by mo-

tion,[1].—Pressure in the forehead, from morning till evening,[1].—**Pressure as from a heavy weight in the forehead over the eyes*,[1].—Pressive pain in the forehead and eyes, as before coryza,[1].—Pressure in the forepart of the head (eighteenth day),[14].—[**220.**] A momentary pressive pain in the forehead (thirty-third day),[25].—**Tearing in the frontal region* (sixteenth day),[12].—Violent tearing in the forehead,[12].—Tearing headache in the forehead, extending towards the parietal bone, all day, aggravated towards evening and by motion (after thirteen days),[1].—Tearing pains in the forehead, alternating with the tearing pains in the arms (first day),[12].—Tearing pain in the forehead and on the top of the head (second day),[22].—Tearing pains in the forehead, at times extending from the forehead to the vertex (fifth day),[22].—Tingling tearing in the head over the forehead, extending to the crown and temples (first day),[20].—Headache at one time sticking, at another pressive, in the frontal region, extending from one side to the other (fourth day),[15].—Jerking headache in the forehead, mostly at night,[1].—[**230.**] Some fine stitches in the right side of the forehead, while stooping, at 9 A.M. (second day),[6].—Headache, commencing as a stitch in the left side of the forehead and extending to the right side, pressive and tensive (soon), (sixth day),[19].—Sticking in the forehead (fifth day),[17].—**Acute sticking pain in the forehead* (after a few hours),[1].—**Sticking pains in the forepart of the head*, from 8 to 11 P.M. (fifteenth day),[12].—Sticking pain in the whole of the forehead (fourth day),[17].—Sticking and throbbing in the forehead, in the morning,[1].—Throbbing frontal headache, in the afternoon, lasting an hour,[1].—Throbbing pain in the left side of the forehead (fourth day),[1].—Pains in the sinciput (twentieth day),[13].—[**240.**] Pressive pain and pressing in the sinciput, especially in the forehead, and upon the eyes, greatly aggravated by motion (second day),[28].—Arthritic tearing pains in the sinciput and right temple (seventeenth day),[12].—Tearing in the sinciput, from 4 to 7 P.M.,[1].—Sticking tearing pain in the sinciput, afterwards in the right temple, and ten minutes afterwards in the left (sixteenth day),[12].—***Temples.*** Rush of blood to the right temple,[1].—Fluttering feel in both temples, and aching pain in occiput,[29].—Pain in the temples, extending across the forehead and towards the vertex (tenth day),[20].—Pain in the left temple (fourth day),[17].—Headache, especially in the right temple, extending to the vertex, tearing described as a pulling up of the scalp (fifteenth day),[20].—Pressure in both temples (twenty-first day),[14].—[**250.**] Pressure in the temples and over the right eye, after taking a slight cold,[3].—Pressure in the right temple after a soft stool, with pressure, followed by eructations of gas (after sixteen days),[1].—Pressure in the right temple, from noon till evening (after nineteen days),[1].—Pressive pain in the left temple (fifth day),[17].—Tearing pain through the temples (first day),[11].—Tearing pains in the right temple, with various kinds of headache; tearing in the head, especially in the parietal bones, transient, aggravated by stooping and on motion (twentieth day),[13].—Tearing in the right temple, after half an hour, in the occiput (twentieth day),[12].—*Stitches in the temples*,[1].—Stitches in the temples with pains, as if the head were open (fifteenth day),[12].—Sharp sticking in the right temporal region (sixteenth day),[12].—[**260.**] Stitches in the right temple, in the evening,[13].—Sticking pain in the right temple (second day),[17].—Stitches in the left temple,[13].—***Vertex.*** Bruised pain on the vertex,[1].—Drawing-pressive stitches in the vertex and over the eyebrows,[1].—When coming into the dark she feels a pressure on the vertex, as if a tremendous weight were falling on it,[32].—Pressure on the crown extending into the eyes, in the evening (after eighteen

days),[1].—*Hard jerklike pressure in the top of the head, extending deep into the brain, in paroxysms, lasting one or two minutes,*[1].—Jerking sensation like electric sparks, in the vertex (tenth day),[20].—Sticking pain in the vertex (sixteenth day),[24].—***Parietals.*** [**270.**] Right-sided headache (third day),[15].—Pain in the right side of the head (second day),[17].—Pressive pain in the right parietal region (sixteenth day),[24].—Tearing in the right side of the head from the occiput, upward and forward (seventh day),[18a].—Sticking pains in the right side of the head and in other parts of the body, especially in the right hand (seventh day),[15].—Sensation of paralysis in the right side of the head after coition,[1].—Headache, especially on the left side, with sticking pain (fifth day),[15].—Sickening pain in left side of head, worse from pressure or the least movement,[33].—Sticking pain in the left side of the head, frequently extending into the forehead (tenth day),[22].—***Occiput.*** **The hat causes acute pain in the occipital protuberances,*[1].—[**280.**] **Pressive headache in the occiput, as if in the bone* (second day),[16].—***Pressive pain in the occiput, relieved by warm wrapping of the head,*[1].—***Pressure in the occiput, soon followed by stitches in the forehead, with chilliness in the nape of the neck and back,*[1].—**Pressure in both sides of the occiput,*[5].—**Pressure in the occiput and nape of the neck, in the morning,*[5].—Stitches in the occiput,[1].—Itching pain in the right side of the occiput,[1].—***External Head.*** The hair falls out freely on combing,[4].—A dry tetter on the head, which this prover had had for five years, became surrounded by a red areola, and after awhile the redness disappeared and the tetter had disappeared, and the former rough skin became smooth,[14].—**Itching pimples on the head and nape of the neck,*[1].—[**290.**] Itching pimples on the scalp,[1].—Sensation as if the hair were bristling during dinner,[1].—The hair feels as if it would fall out,[13].—***The head was sore to touch externally,*[1].—Extreme tenderness of the scalp, a feeling as if she had been lifted off the ground by her hair,[32].—She cannot brush her hair, the scalp is so tender,[37].—Creeping over the scalp, as if the hair were bristling, though without chilliness,[1].—Pricking and itching of scalp,[29].—**Much itching on the scalp,*[1].—***The itching spots on the head are painful, as if sore, after scratching,*[1].—[**300.**] Violent itching on the left side of the head (after fourteen days),[1].—**Itching on the occiput,*[1].

Eye.—Objective. **Redness at first around the eyes, then also of the white of the eyes, with inflammation and lachrymation,*[1].—**Redness of the whites of the eyes,* with pressive pain,[1 3].—Ulcer on the left eye,[1].—**Eyes weak* (seventeenth day),[12].—***Subjective.*** Feeling as if both her eyes were dragged back into the head with strings,[32].—Pain as if the eyes were being drawn out (fourth day),[19].—Painful cramp in both eyes, closing them so tightly that she can with great difficulty open them,[1].—**The eyes are painful, as if too dry and full of sand, in the morning,*[1].—[**310.**] Sensation as if the left eye were full of water,[1].—*Tension in the eyes and forehead, with weakness of the body,*[1].—Tension in the eyes (second day),[12].—Pressure in the eyes every afternoon at 4 o'clock,[1].—**Piercing-stinging pain in the left eye* (twenty-fifth day),[25].—**Sudden piercing pain in the left eye* (twenty-eighth day),[25].—**Tearing and burning in the eyes on pressing them together,*[1].—Twittering sensation in the right eye (thirty-third day),[25].—**Heat in the eyes,*[1].—**Smarting of the eyes,*[1].—[**320.**] Smarting and pricking of left eye,[29].—Itching of the sore eye, immediately,[1].—Itching of the right eye, in the evening,[5].—***Brow and Orbit.*** Itching in the eyebrows,[1].—Tensive pain above the eyes,[21].—Pressive pain over left eye, about the size of a sixpence,[32].—Pressure and smarting in the orbits,[1].—Great pressure and sensation of

tightness over the eyes, as if something heavy were lying there, before the menses,[1].—Transient griping pain just beneath the right eye, in the evening in bed,[4].—Tearing and sticking above the eyes, so that he was obliged to press the lids together (tenth day),[18a].—***Lids.*** [**330.**] **Agglutination of the eyes at night, with smarting of the lids,*[1].—**Both eyes are agglutinated with mucus in the morning* (second day),[5].—**Agglutination of the eyes in the morning,*[1].—Much hardened mucus in the inner canthi,[1].—(After the erysipelatous swelling of the feet had disappeared, there set in an eye trouble, consisting of swelling of the upper and lower lid, especially violent in the morning, with burning and stinging pain, especially in the morning and evening, with redness of the lids, better in the middle of the day; in the evening great photophobia, so that the candlelight could not be endured; reading by the light was very difficult, as though there were a mist about the light and a red and green halo; thick, slimy discharge, with agglutination of the lids),[15c].—*Twitching of the eyelids* (after four, and ten hours),[1].—Heaviness of the eyelids, as if pressed upon,[12].—The eyelids are very heavy, with sleepiness (twelfth day),[12].—Great heaviness of the eyelids (sixteenth day),[12].—Pressure and pressing in the left canthus,[1].—[**340.**] Pressure in the upper lid, with violent stitches, as from a splinter, and vanishing of visual power (after four hours),[6].—Pressure in the eyelids (after eight days),[1].—Tearing in the margins of both lids,[13].—Biting in the canthi, in the morning, even when not lying down,[1].—Soreness and smarting of the eyelids; she cannot close them,[22].—Burning itching of the eyelids,[3].—Burning biting in the right lower lid, in the morning,[1].—Itching of the upper lid,[1].—***Lachrymal Apparatus.*** ***Swelling in the region of the right lachrymal gland and lachrymal sac** (after six days),[1].—Eyes and nose water,[29].—[**350.**] Lachrymation in the outer canthi,[1].—Lachrymation and a kind of dimness of the eyes,[1].—***Vision.*** **Vision indistinct, misty, with flickering before the eyes* (twelfth day),[26].—**Dimness of vision,*[12 13].—Dimness of vision all day (fifth day),[12].—She cannot open the eyes in the morning on account of painful photophobia,[1].—Photophobia; the daylight blinds,[1].—Paroxysms of photophobia, alternating with inflammation of the white of the eye and lachrymation (after ten days),[1].—Muscæ volitantes before the eyes,[3].—Blinding of the eyes by daylight, so that for moments he can see nothing, in paroxysms,[1].—[**360.**] Slight fluttering before the eyes,[29].—At first she lost the clearness of sight only momentarily,[32].—Misty visions; she cannot see anything clear; this was constantly so for two days,[32].—**She could neither read nor write; everything ran together,*[1].—The eyes seemed veiled (second day),[1].—Everything seems pale before the eyes during the menses,[1].—Seems befogged after eating; the eyes seem blinded; cannot raise them (after ten days),[1].—A persistent speck before the right eye,[30].—It became black before the eyes after the headache,[3].

Ear.—**Swelling of the outer ear, with thin discharge from the inner ear, with hissing, affecting the hearing,*[1].—[**370.**] Margins of the ears inflamed and moist,[1].—Thin discharge from the left ear (after five days),[1].—Large amounts of thin earwax (after nine days),[1].—Fine tearing beneath and behind the right ear, at 1 P.M. (fifth day),[6].—Jerking cutting in the bone behind the ear,[1].—Tearing behind the right ear,[3].—Pricking, aching, and itching in the ears, left chiefly,[29].—Cramplike drawing in the right ear (after twenty-four hours),[1].—Pain in the right ear (first day),[17].—Painful pressure in the meatus auditorius,[1].—[**380.**] Pressive pain in the left ear on blowing the nose,[1].—**Drawing pain in the meatus auditorius, like otalgia,*[1].—Drawing pain in the right ear and down the neck,[1].—Tearing in

and on the ear,[3].—Jerking pain in the left ear,[1].—Shooting pain in left ear, with a feeling as if humor was flowing from it,[32].—Stitches and tearing in the right ear,[13].—Stitches in the left ear,[13]; (thirty-third day),[25].—**Stitches in the ears* (eighth day),[19].—Sticking pain from the left ear to the left temple (fifteenth day),[22].—[**390.**] **Itching in the ear, especially on swallowing*,[1]. —Itching in both ears,[33].—Throbbing in the ear shakes the eyes, so that objects move up and down,[1].—Throbbing in the ear upon which he lies at night,[1].—Throbbing in the right ear,[1].—**The ears seem stopped* (after eight days),[1].—***Hearing.*** ***Painful sensitiveness of the ear to loud sounds*,[1]. —**Oversensitiveness to noise*, even to starting up,[1].—**The hearing is very sensitive*,[1].—Hearing in both ears stopped for a short time, in the afternoon (second day),[8].—[**400.**] Difficulty of hearing, suddenly coming and going (second day),[16].—Difficulty of hearing, increased after eating,[1].—**Difficult hearing of the human voice*,[1].—*Diminished hearing from roaring in the head,[1].—Bubbling in the right ear, as if something were beating upon the drum, which tingles in the head and makes him anxious,[1].—Bubbling in the right ear,[1].—Chirping as of crickets in the ear,[1].—Cracking in the ear on swallowing,[1].—Rhythmical fluttering in the left ear,[1].—Dull humming in the ear, with difficult hearing, and a sensation as if something were in the ear, especially in the morning on rising, lasting four days,[6].—[**410.**] Fluttering noises in the ears,[1].—Ringing in the ears, in the evening (thirty-first day),[25].—**Roaring in the ears*,[1]; (sixteenth day),[15]; (second day),[16].—Roaring in the ears, like the sound of a bell, so violent that he could not lie down at night on account of it, but was obliged to rise and walk about for a quarter of an hour at a time (after five days),[1].—Roaring in the left ear before and after eating,[1].—Thundering, roaring, and grumbling in the ear (after thirty-six hours),[1].

Nose.—**A smarting, painful scab deep in the right nostril*,[1].—Constant sneezing, but she cannot do it satisfactorily,[32].—Frequent sneezing in the afternoon and following forenoon (after five days),[8].—**Frequent sneezing* (after thirty-six hours),[1].—[**420.**] A sneezing cold, lasting several days,[29]. —**Frequent, but usually ineffectual, efforts to sneeze* (after twenty-eight, and forty-eight hours),[1].—Coryza (eighth day),[18].—Constant coryza,[36].—Coryza and cough, with swelling of the submaxillary glands, pain in the throat on swallowing, great chilliness; she was obliged to lie down; an hour afterwards, in bed, burning heat over the whole body,[1].—**Fluent coryza* (after five, six, and twelve days),[1].—*Violent coryza for several weeks (first days),[1].—Profuse coryza (after a few hours),[1].—**Dry coryza* (seventh day),[19]. —**Dry coryza; could not get air through the nose* (tenth day),[19].—[**430.**] Dry coryza, with rough voice (after one hour and a half),[8].—**She could not get rid of a catarrh, that was at one time dry, at another fluent*,[1].—Dry catarrh, in the morning on waking,[3].—**Discharge of much mucus from the nose, without coryza*,[1].—Profuse, thick, mucous discharge from the nose (eighth day),[23].—**Much acrid water runs from the nose, without coryza, making the nose sore and bloody internally and externally*, together with the odor of blood or of freshly slaughtered animals, for five days,[1].—Stuffed sensation in and running from the nose, as if he had a cold in his head,[29].—Nose and eyes water,[29].—Violent nosebleed during dinner; the blood flowed from the right nostril, was profuse, dark red, followed by relief of the headache (tenth day),[18a].—Profuse nosebleed (after twenty hours),[1].—[**440.**] Drops of blood fall from the nose at times, only on stooping,[1].—Bleeding from the nose,[35]; (first days),[1].—**Nosebleed after inserting the finger, with dryness of the nose*,[1].—Blowing of bloody mucus from the nose,[1].—**Complete*

stoppage of the nose, so that she could scarcely speak; was obliged to keep the mouth open to breathe (after twelve hours),[1].—Nose somewhat stopped (fourth day),[23].—Obstruction of the nose in the morning, followed by coryza during the after-part of the day,[32].—Pressure over the nose, in the morning,[1].—Biting pains, as if ulcerating, about the nostrils, streaming up into the brain, causing a tense, throbbing pain in the forehead; tip of the nose very painful to touch, as if suppurating, for two days (after ten days),[1].—**Soreness on the back of the nose, as if the nasal bone had been beaten* (second day),[16].—[**450.**] Tearing in the left wing of the nose,[3].—**Drawing in the root of the nose and in the right malar bone*,[3].—Fine drawing tearing in the nose,[3].—Painfulness of the septum of the nose,[1].—Burning-shooting pains in tip of nose, flying up to forehead,[32].—A burning stitch on the side of the nose,[1].—Crawling and burrowing in the tip of the nose,[1].—Itching and sore pain in the furrow behind the ring of the nose (without soreness),[1].—**Itching in the nose*,[3]; (twenty-sixth day),[25].—Smell excessively acute (curative action),[1].

Face.—[**460.**] Swelling of the face, lips, and submaxillary glands, with chilliness and icy-cold feet,[1].—She is very pale, as after a long illness, for several days (after three days),[8].—Paleness of the face,[1]; (first and seventh days),[10].—Her face burned painfully,[32].—***Cheeks.*** Drawing pain in the bones of the cheeks and behind the ear, worse on touch,[1].—Two painful tearings in the left cheek extended upward, in the forenoon, during the menses (tenth day),[8].—Tearing in both cheeks for four hours, followed by a sensation as if the left molars were on edge,[6].—***Lips.*** Swelling of the upper lip and gum, very painful to touch,[1].—Great swelling of the lower lip for two days (after seventeen days),[1].—**A very painful pimple on the margin of the red of the lower lip*,[1].—[**470.**] Blisters, with smarting pain in the red of the upper lip,[1].—*Blisters on the margin of the red of the upper lip*, at first with itching, then, when scabby, only smarting pain,[1].—Itching scab on the upper lip, in the margin of the red (after sixteen days),[1].—Lips dry and cracked,[13].—Dryness of the lips,[38]; (fifth day),[18].—Lips feel much parched; soreness of the palate,[29].—Lips hot (seventh day),[15].—***Jaw.*** Occasional aching in upper and lower jawbones,[29].—Aching of both jaws,[40].—Painful contractive cramp in the left submaxillary articulation, and afterwards in the temple,[3].—[**480.**] Bruised pain in the articulation of the jaw, in front of the left ear, when touched and on chewing,[1].—Tension in the articulation of the jaw (immediately),[16].—Pressive pain in the angle of the lower jaw, extending into the ear, while yawning,[1].

Mouth.—Teeth. Teeth loose and sensitive when chewing,[1].—**The teeth become loose and the gum painful to the slightest pressure* (sixteenth day),[12].—**Inflammation of a molar with swelling and soreness of the gum*,[3].—All her teeth feel loose and elongated,[40].—Her teeth feel too large and long for her mouth,[33].—Teeth on edge for four weeks,[1]—Upper teeth on edge as from acids,[1].—[**490.**] Aching pain in all the teeth,[23].—Constant aching in all the teeth,[29].—A back tooth when biting pains as if ulcerating,[1].—Toothache in the morning on waking, lasting till shortly after rising,[1].—Dull pain, especially in the molars, after dinner and from drinking,[1].—Constant simple toothache; disappearing while eating; most violent at night, preventing sleep,[1].—Toothache after eating,[3].—Tensive toothache,[1].—Toothache mostly when eating warm food and on taking cold air into the mouth,[1].—The boy was attacked with a kind of teething fever; although he had all of his teeth he drooled, bored his hands into the mouth, and had heat in the head in the evening,[1].—[**500.**] A lower molar is painful,

as if too long,[1].—Two painful jerkings in the right upper back teeth (first day),[8].—Violent toothache and pain in the whole lower jaw, pressure and jerking, so that he could not sleep the whole night,[1].—Violent pressure in a hollow tooth,[1].—Drawing pain in a hollow tooth,[1].—Drawing in a hollow tooth in paroxysms,[4].—Drawing in the lower incisors,[1].—Drawing-tearing toothache with soreness of the gums,[40].—Tearing toothache when eating, lasting a quarter of an hour afterwards,[1].—Tearing-sticking toothache in a hollow tooth only when eating (after ten days),[1].—[**510.**] Sticking toothache, on account of which he could take nothing warm nor cold into the mouth,[1].—Sticking toothache, that did not permit him to sleep at night, with heat on the cheek; he could take nothing warm into the mouth,[1].—Shooting into one incisor while eating (after nineteen days),[1].—Stitches from a strong wind in a sound tooth, which was painful as from an ulcer, followed by swelling of the lower jaw (after eighteen days),[1].—Burning stitches in several teeth, which began to be painful after eating; the pain worse at night, aggravated by inhaling cold air, with heat of the head and burning in the cheeks,[1].—***Gums.*** **Painful inflamed swelling of the gum* (after six days),[1].—Swelling of the gum; warm drinks cause burning, and when chewing the gum is painful as if sore,[1].—The gums are quite inflamed,[29].—Several gum-boils,[33].—**Small gum-boil on the swollen gum*,[1].—[**520.**] Sore, painful blisters on the gum and inside the lips,[1].—**Sore gum*,[1].—The gums are very sore,[32].—***The gum is painfully sensitive on taking cold water into the mouth,**[1].—Cool feel in upper gums,[29].—Sensation of constriction in the gum immediately,[27].—Swelling of the right half of the tongue without pain (after five days),[1].—***Tongue.*** Tongue coated,[3 13].—White-coated tongue in the morning (tenth day),[22].—Tongue very dry, with sensation as from pungent spices (eighteenth day),[14].—[**530.**] **Tongue feels sore* (sixth day),[14].—Tongue sore with painful spots on the tip,[3].—Two or three times she had to wipe her tongue, fancying there was a hair on it, lying lengthways, and coming up as it were from the windpipe,[32].—***Sensation as if a hair were lying on the forepart of the tongue,**[1]. — **Sensation as if a hair were on the tip of the tongue and extended into the trachea, where it caused a crawling, so that he was frequently obliged to cough and hack* (after ten days),[1].—Numbness of the tongue,[5].—***General Mouth.*** **Bad odor from the mouth in the morning*, almost like the salivation of mercury,[1].—**Painful ulcer in the corner of the mouth* (after thirty-seven days),[1].—**Corner of the mouth ulcerated with an itching sensation, with scabs for many days* (after twenty-four hours),[1].—A fungoid ulcer on the inner surface of the lower lip,[1].—[**540.**] An ulcer on the palate reaching to the gum,[1].—The left sublingual gland was painful on deep pressure (third day),[25].—Great heat comes from the mouth,[1].—Slimy mouth with qualmishness in the morning after waking (seventh day),[8].—*Acidity in the mouth always after eating* (after three and ten days),[1].—Great dryness and some bitterness of the mouth with thirst (sixteenth day),[12].—Dryness of the mouth while walking in the open air,[1].—**Constant dryness of the mouth* (after thirty hours),[1].—Mouth and lips seem dry,[1].—Constant dryness of the mouth,[40].—[**550.**] Dryness of the mouth without thirst,[33].—Mouth very dry,[32].—Soreness of the palate, which assumed a pale-yellow color,[37].—Soreness of the palate; lips feel much parched,[29].—Some stitches in the curtain of the palate,[1].—Itching on the hard and soft palate,[1].—***Saliva.*** Water constantly collects in the mouth, is obliged to spit it out,[1].—Much saliva in the mouth (after eight days),[1].—***Taste.*** Sense of taste and appetite become defective,[29].—Loss of taste and appetite,[32].—[**560.**] Bitter-

ness in the mouth as if the stomach were foul,[29].—Bitter taste in the morning,[1].—Everything, even water, tastes bitter for several days (after three days),[8].—Bitter taste in the morning after rising (third day),[8].—Bitter mouth,[13 18 22]; (sixteenth and twentieth day),[13].—Taste of blood in the mouth in the morning,[1]—Sour taste in the mouth with some bitterness,[1].—Metallic taste in the throat while sneezing (fifty-sixth day),[23].—Bad taste in the morning on waking,[3].—Filthy taste in the morning as of rotten eggs,[22].—[**570.**] Foul, clammy, and putrid taste,[40].—Taste as of soapsuds,[37].—Offensive, slimy taste in the mouth,[1].—Oily taste in the mouth (after a few hours),[1].—Taste of food in the mouth for a long time after eating,[1].

Throat.—Throat swollen and painful,[32].—Swelling of the thyroid cartilage; the spot itches, with sticking, when touched,[1].—Hawking of salt mucus,[3].—Frequent hawking of thick mucus (first day),[2].—**Hawking up of yellow, very offensive balls of mucus*,[1].—[**580.**] Much mucus in the throat, which she was constantly obliged to hawk up (after twenty-four hours),[1].—Rising of mucus in the throat, without cough (twenty-third day),[24].—Dryness of the throat,[32].—Dryness of the throat, as from a cold,[29].—Throat very dry, with hoarseness, and itching in the meatus auditorius,[1].—Rawness in the throat during cough (twenty-third day),[24].—Rawness in the throat provokes cough after dinner (first day),[8].—Throat very raw,[1].—Sore throat, with very much mucus in it (after forty-eight hours),[1].—**Sore throat, as from a lump in the left side, on swallowing* (after four days),[1].—[**590.**] **Soreness of the throat, as if he swallowed over a sore spot, with at times stitches in it*,[1].—**Pressive soreness on the left side of the throat when swallowing*,[1].—Swelling and tensive pain in the left side of the throat; fauces red and irritated (seventh day),[14].—Scraping sore throat in the morning; sticking in it in the evening,[1].—Roughness and scraping in the throat at night while lying on the right side in bed, on account of which she coughed for half an hour, with expectoration of mucus, several nights,[1].—Scratching in the throat, that provokes hacking cough, with a sensation of rawness in the bronchi, most distressing in the morning, on waking, and in the evening after lying down, for four days,[28].—Scraping sensation low down in the throat, in the evening (seventh day),[15a].—**Sticking sore throat only on swallowing, with pain in the throat, even to touch*,[1].—Sticking in the throat when coughing,[15b].—Feeling as of a lump in the left side of the throat; she could only swallow with great difficulty,[32].—[**600.**] Pricking in the throat, as from a pin or needle, causing her to cough,[33].—Burning in the throat and chest (after six days),[15a].—Burning and stinging in the throat, especially when yawning and swallowing,[15c].—Burning in the throat,[29].—Violent tickling in the throat provokes cough,[15c].—Tickling itching in the region of the pit of the throat, that threatens suffocation until a deep shattering cough breaks out, which continues uninterruptedly for several hours, and causes pain in the lower abdomen and throat,[1].—Bitter taste in the throat, as if coming from the stomach,[1].—Nauseous sensation in the throat, in the afternoon,[1].—On swallowing, food gets into the choanæ,[1].—Sensation as if pieces of food were in the choanæ,[1].—[**610.**] Sensation of great dryness in the choanæ,[1].—***Uvula.*** Elongation of the uvula, with dryness of the throat,[1].—**Uvula swollen*,[4].—***Pharynx.*** Soreness in the pharynx from singing,[1].—Swallowing difficult; food descends only slowly; at first a gurgling in the pharynx, that gradually descends to the stomach, three seconds after which the food descends,[1].—***External Throat.*** Hard swelling of both parotid glands, with tensive pain on moving the head and on touch,[1].—Swelling of a parotid gland, with sticking pain,[1].—**Swelling of the submax-*

illary glands, painful when touched, with drawing pain in them, and with sore throat on swallowing, as from an internal swelling (after twenty-four hours),[1]. —(There recommenced a discharge from an old abscess in the submaxillary gland that had discharged years before, but was now covered with a scab), (third day),[24].—**Swelling of the cervical glands* (after five, and twenty-five days).[1].—Swelling of the glands of the neck and nape of the neck (after nine days),[1].—[**620.**] *Swollen cervical glands*,[1].—The cervical muscles of the right side are swollen,[1].—*The submaxillary glands are painful to touch but not swollen*,[1].—Stitches in the swollen submaxillary glands (after three days),[1].—Violent contractive pain in the submaxillary glands (forty-first day),[24].

Stomach.—Appetite. *Great appetite;* desire for bread and warm food; immediately after eating, the appetite and thirst returned (tenth day),[19].—**Ravenous hunger, so that it was difficult to fall asleep* (fourteenth day),[27].—**Ravenous hunger before supper, with complete loss of appetite and trembling in all the limbs, followed by chilliness and coldness over the whole body, with heat in the chest* (second day),[1].—Ravenous hunger, in the morning,[3].—Ravenous hunger towards evening, and after eating, a slight sensation of nausea in the pit of the stomach,[4].—[**630.**] Ravenous hunger, with collection of water in the mouth,[1].—Ravenous hunger appeased only by lying still a short time,[1].—**Excessive hunger*,[1].—Constant hunger, and after eating, fulness in the stomach, and even then hunger,[1].—Gnawing hunger, that is for only a short time relieved by a bite of bread,[1].—She is hungry, but will swallow no food,[1].—Hunger in the evening; he ate more than usual and then was not satisfied, but after a quarter of an hour there was a feeling of fulness in the stomach (after fifteen days),[1].—Is very hungry; eats as usual, and then complains that everything seems to be up in the throat,[1].—Appetite for he does not know what, with accumulation of water in the mouth,[1].—Appetite for only cold, raw food,[1].—[**640.**] She ate very little, immediately became averse to everything,[8].—Aversion to meat,[1].—Appetite bad (sixteenth day),[12].—**Diminished appetite*,[13]; (sixteenth day),[15]. —Loss of appetite, with clean tongue (fourth, fifth, and sixth days),[8].—Sense of appetite and taste became defective,[29].—Loss of appetite and taste,[32]. —Complete loss of appetite,[1].—***Thirst.*** ***Thirst**,[13].—Increased thirst,[13].—[**650.**] Drinks more than usual,[4].—Very great thirst and dryness in the throat (after ten days),[1].—Excessive thirst, without desire to drink, even during the chill (third and fourth days),[8].—Much thirst (after five days),[1]. —Much thirst at night; the mouth was constantly dry (after forty-eight hours),[1].—***Eructations.*** **Eructations*,[17]; (thirty-fifth day),[24].—Frequent eructations of gas (after forty-eight hours),[1 4].—Frequent not disagreeable eructations (third day),[12].—Uprisings of water into the mouth, which she was obliged to spit out (fourth day),[19].—Eructations tasting of the food always after eating, for many days,[8].—[**660.**] **Acid eructations, with burning in the throat, after a meal*,[3].—*Acid eructations*, in the evening,[1].—Sour and bitter eructations, in the morning, as from a disordered stomach,[1].—Eructations, acidity, and a horrible taste coming up from the stomach always after eating, and lasting till eating again,[1].—Constant belching up of wind from the stomach,[36].—Loud uprisings,[1].—Loud, uncontrollable belchings of wind, lasting for nearly half an hour, and attended by much nausea,[31].—Violent eructations after supper,[1].—Violent eructations (twentieth day),[12].—***Hiccough.*** Hiccough for twenty-five minutes, between 12 and 12.30 (third day),[2].—[**670.**] Hiccough before and after eating,[1].—Hiccough, in the evening in bed,[1].—***Heartburn.*** Warm uprisings from the

stomach to the throat,[1].—*Heartburn rising up from the stomach* after every meal; water collects in the mouth, and she must spit a great deal (after seven, and twenty days),[1].—Intense heartburn, with sense of load at epigastrium,[40].—***Nausea and Vomiting.*** Nausea,[13 21]; (first day),[18a].—Nausea at night (first night),[1].—Nausea on rising in the morning (tenth day),[22].—Nausea, with belchings of wind,[31].—Nausea, with pressure in the stomach (thirty-sixth day),[15].—[**680.**] Nausea, as after an emetic,[1].—A kind of nausea while walking in the open air,[1].—Nausea, as if in the lower abdomen, that at one time rises, at another descends, several days in succession,[1].—Nauseated, faint, and tremulous suddenly while smoking (his usual tobacco),[1].—Nausea and qualmishness in the morning for several days,[1].—Nausea after eating, that disappears after lying down,[1].—Nausea in the stomach and discomfort over the whole body, so that she was obliged to lie down, after which she felt better, at 5 P.M., during supper (seventh day),[8].—Great nausea during dinner (second day),[22].—Very frequent nausea without vomiting, even when fasting in the morning, as if in the pit of the stomach, with good appetite and natural taste to the food (after twenty days),[1].—Transient nausea in the morning, followed by weakness and chilliness, lasting till noon,[1].—[**690.**] She is attacked with nausea during coition (after twenty-one days),[1].—Constant nausea and sense of emptiness at stomach,[32].—Nausea, with painfulness in the epigastric region and inclination to eructate, which she could not, in the forenoon (seventh day),[8].—Nausea and efforts to vomit (seventh day),[18].—Nausea, even to vomiting, immediately after eating; he scarcely dared to eat thin soup,[8].—Ineffectual retching, waterbrash, with nausea,[33].—Inclination to vomit (twentieth day),[12]; (fourth day),[19].—She vomited the food, at 9 A.M. (fourth day),[8].—***Stomach.*** Fulness for two hours after eating, relieved only by eructations,[1].—Discomfort after eating (tenth day),[16].—[**700.**] He frequently woke at night on account of pain in the stomach, at first pressive, afterwards pinching,[1].—Paroxysms of spasmodic pain in the stomach after eating,[1].—Pain in the pit of the stomach after violent cough,[1].—Pain in the pit of the stomach (first day),[17].—Violent pain, heavy weight, and crampy sensation at pit of stomach,[41].—Attacks of twisting in the pit of the stomach, followed by nausea rising up, with violent palpitation and violent pressure in the sternum, extending up to the throat; she was obliged to gulp up bitter water; relieved by eating, food was not vomited; in the morning, worse on rising from bed,[1].—Drawing griping and sticking in and about the pit of the stomach and in both hypochondria, extending to the hip-joints,[1].—Griping and gnawing in the stomach, with nausea and cold creeping over the back and neck, with audible rumbling in the abdomen, disappearing on lying down with the legs drawn up,[1].—Griping and clawing in the stomach (after one hour),[1].—Griping, pinching, and pressure above the stomach and in the hypochondria, in frequent paroxysms, for a week,[1].—[**710.**] A screwing-together sensation in the epigastric region, not very painful, frequently, soon followed by a soft stool, in the forenoon (fifth day),[8].—Melancholic anxiety in the pit of the stomach during the menses, so that she wished to drown herself,[1].—Sticking in the stomach (first day),[17].—Sensation as if a stone were lying in the stomach, with a feeling of fulness,[1].—Flatulent food presses like a lump in the stomach; is obliged to vomit,[1].—**Heaviness like lead in the stomach*,[1].—Sensation of heaviness in the stomach, with loss of appetite,[1].—**Pressure in the stomach after eating*,[1 3].—Pressure in the stomach (first day),[17]; (forty-second day),[15].—**Much pressure in the stomach* (after fourteen days),[1].—[**720.**] Pressive pain in the pit of the stomach

(fifth day),[17].—Pressure, then pinching pain, in the stomach, followed by a single eructation,[1].—Pressure in the stomach and cutting in the intestines, for half an hour,[1].—Pressure in the stomach, aggravated by walking in the open air, with frequent empty eructations,[1].—Pressure and nausea in the stomach, with aversion to all food, in the evening (third day),[8].—Pressure in the stomach, as from something heavy, after dinner (tenth day),[22].—Pressure at the epigastrium, as from having eaten too much,[35].—Pressive pain at epigastrium, like indigestion,[29].—Violent pressure, as from a stone, in the stomach (fifteenth day),[12].—Cold pain at epigastrium, as if a cold stone were in the stomach,[32].—[**730.**] Sometimes a cutting feel, again, a sensation as of a heavy weight, and a kind of tightness at the pit of the stomach,[34].—**Burning in the pit of the stomach*,[1].—Burning above the pit of the stomach, almost like heartburn,[1].—Woke after midnight with burning in the stomach and qualmishness, followed by empty eructations of the food taken the previous evening, without offensive taste (after fifteen days),[1].—After eating, weakness, like that of ravenous hunger, which disappears after eating again (without relish), (first day),[1].—Weakness of the stomach after eating,[3].—Although he had a good appetite, his stomach seemed inactive,[3].—The stomach feels much disordered,[29].

Abdomen.—Hypochondria. Cramplike pain across the hypochondria, extending into the back, especially on motion (tenth day),[16].—A gradually drawing, dull pain in both hypochondria, extending to the spine, less at night,[1].—[**740.**] Stitches below the hypochondria (first day),[18a].—Stitches in the hypochondria,[3].—Aching pain in right hypochondrium,[29].—**Constant pressure in the right hypochondrium*,[3].—A very violent dull stitch in the right hypochondrium, extending through the abdomen and out at the opposite side, sharp, together with a violent pain in the pit of the stomach, relieved by bending up, at 2.30 P.M. (fifth day),[8].—Some sharp, very fine (burning) stitches in the right hypochondrium, in the afternoon (fifth day),[8].—***Umbilicus and Sides.*** Constrictive griping in the umbilical region (seventh day),[18a].—Colic; constrictive pain about the navel, with at times stitches; the abdomen is distended; the pains continue until there occurs a thin stool, accompanied by flatus (twelfth day),[19].—Constrictive pain about the navel after dinner, followed by a pasty stool thinner than usual (first day),[18].—Constrictive colic in the umbilical region (first day),[18a].—[**750.**] Digging sensation about the navel, in the afternoon (first day),[18].—Pressure beneath the umbilical region just before and during a stool,[6].—Pressive sensation about the navel, followed by flatulence and emission of much flatus (fifth day),[18].—Pressure in the umbilical region,[1].—Sticking pain about the navel on deep inspiration (fourth day),[19].—Cutting and griping about the navel, at 9.30 A.M. (first day),[8].—Cutting pain in the region of the navel, going right through to the back, and coming on at intervals,[32].—Cutting in the umbilical region from time to time (after two days),[1].—Pain, with cutting, about the navel and desire for stool, frequently coming and going, after midnight and in the forenoon (second day),[8].—Momentary pinching pain at the navel,[29].—[**760.**] Pain, like a pinching, about the navel, and afterwards in the whole of the abdomen, with the emission of much watery leucorrhœa, as during menses (fourth day),[8].—Pain beneath the right ribs posteriorly (in the region of the kidneys), in the evening,[1].—Violent stitches in the right side of the abdomen, with flatulence (twelfth day),[26].—Stitches in the right side of the abdomen (fourth day),[22].—Stitches in the left side of the abdomen, below the hypochondrium (seventh day),[18a].—Sharp stitches in the left flank (sixteenth

day),[12].—Some stitches in the left side of the abdomen, in the evening (first day),[1].—Sticking pain in the left side of the abdomen, more externally, only when walking (after six hours),[6].—***General Abdomen.*** **Abdomen constantly hard, greatly distended, making him very uncomfortable,*[1].—**Abdomen very much distended;* no emission of flatus but eructations,[1].—[770.] **The abdomen became very large; it increased as usual after eating, so that it seemed constantly very tense,*[1].—**Abdomen distended and tense* (fifth night),[19].—Flatulent distension, so that he almost burst (thirty-eighth day),[28].—***Abdomen hard, tense** (sixth day),[19].—**The abdomen as far up as the stomach is distended* (after twenty-four days),[1].—**Abdomen thick and heavy, like a weight,*[1].—**Abdomen hot and tense, with rumbling and grumbling in it, with constant diarrhœa,*[7].—Colic, with distension of the abdomen; the pains gradually ceased after the emission of flatus (twentieth day),[12].—**Flatulence, with distended abdomen,*[21].—Flatulence, causing stitches in the small of the back,[19a].—[780.] Incarceration of flatus, causing contraction of the chest, at night (after twelve days),[1].—Frequent emission of flatus,[4]; (eighteenth day),[14].—***Very offensive flatus** (second day),[1].—Audible movements about the abdomen,[1].—Audible rumbling in the abdomen after the pain had ceased, in the afternoon (fifth day),[8].—Rumbling in the abdomen,[19, 20b]; (fourth and sixth days),[19].—Movements in the intestines,[20a].—*Rumbling and gurgling in the abdomen,* especially in the vicinity of an inguinal hernia (after twelve hours),[1].—Violent rumbling in the abdomen,[1].—Movements in the intestines (fourth day),[19].—[790.] Violent movements in the intestines after eating, with colic, followed after a short time by four watery stools, with flatulence and relief of the pain (eighth day),[18a].—Some colic (first day),[18a].—Colic (eighth day),[18].—Colic pains after a stool (twenty-ninth day),[24].—Colic before the emission of flatus,[1].—Colic, with great inclination to stretch,[1].—Colic, as from incarcerated flatus, with pressure towards the rectum, as if wind would pass,[1].—Colic, consisting of rumbling and constrictive pain in the abdomen, with distension, followed by emission of flatus and relief of the pain and rumbling (sixth day),[19].—Acute colic after eating a little at noon and in the evening, relieved after many eructations,[1].—Violent colic (twelfth day),[12].—[800.] Violent colic even after some warm beer, disappearing after rumbling in the abdomen and eructations of gas (after two days),[1].—Violent colic, with a feeling as though she were stiffened; the hands became yellow, the nails blue, as if dead (after five days),[1].—Violent, transient, griping colic nearly every afternoon,[1].—Griping colic before every emission of flatus,[1].—After a stool the colic was somewhat relieved; he was quite exhausted, fell into a light doze, from which he woke again with the most violent colic,[7].—Griping in the abdomen while walking in the open air (twentieth day),[1].—Griping, with flatulence (first day),[26].—Griping in the abdomen,[13]; (second day),[16].—Griping-cutting pains in the abdomen, extending over the whole abdomen,[13].—Griping colic two hours after eating, returning from time to time,[1].—[810.] Feeling of fulness in the abdomen, worse in the umbilical region, feeling as if the intestines were tossed about, at times with emission of offensive flatus, with some distension of the abdomen (fifteenth day),[20].—After eating, everything seems too full, a feeling as if the clothes pressed him, with retraction of the abdomen,[1].—Some pain in the abdomen (first day),[12].—Pain in the abdomen,[12 13 22 26].—Pains in the upper part of the abdomen (first and fourth days),[17].—Pains in the abdomen, somewhat relieved by the application of warm cloths,[8].—Pains in the abdomen, as if the intestines were shaken up, with gurgling noises and watery stools, without tenesmus (second day),[20].—After eating,

pain in the abdomen, like a twisting in the intestines,[3].—The pains in the abdomen were relieved by the emission of flatus (fifth day),[12].—Constant pain in the abdomen, even with constipation,[1].—[**820.**] Violent pain in the abdomen; the child cries about his stomach day and night,[1].—Pressive pain in the abdomen,[1].—Pressure in the abdomen after eating,[3].—Pressure in the whole abdomen, in the morning, with rumbling and emission of flatus without relief,[3].—Cutting pain in the abdomen (tenth day),[16].—Cutting colic by paroxysms, also at night (after thirteen days),[1].—Cutting in the upper abdomen after dinner (after six hours),[1].—Cutting in the abdomen, disappearing half an hour after olfaction of Hepar sulph.; afterwards, the symptoms in the stomach and tearing in the limbs disappeared,[8].—Tearing in abdomen (after ten days),[1].—Gurgling in the intestines,[20a].—[**830.**] Twisting pain in the abdomen,[1].—Burning in the intestines,[1].—Sticking burning in the upper abdomen, in the morning after rising, lasting an hour, imperfectly relieved by stool, with pressure in the rectum,[1].—***Hypogastrium and Iliac Region.*** Oppression of the lower abdomen, at noon and in the evening, like a falling, partly towards the rectum, partly towards the genitals,[1].—Griping pains in lower abdomen, as from something that did not agree with him,[38].—Colicky pains in the lower bowels, with straining and increase of pain during an evacuation,[33].—Violent pains, like contractions, in the lower abdomen, followed by profuse perspiration all over, at night,[1].—**Violent cutting in the lower abdomen, with incarcerated flatus; every step is painfully felt* (after lifting a light weight),[1].—Cutting in the lower abdomen, without diarrhœa,[1].—**Inflamed inguinal glands as large as peas, painful to touch*,[1].—[**840.**] Sticking pain in the right and left iliac regions (fourth day),[19].—Transient violent tearing in both groins, in the evening (fifth day),[8].—Pain in the inguinal hernia (after two days),[1].—Violent sticking and contractive pains in a hernia (which he had had for a long time),[21].—Pain in the place of a hernia, as if something would be torn out,[1].—**Painfulness in the place of a hernia, with distension of the abdomen*,[1].—Pain in the right groin,[1].—Tearing and drawing through the right inguinal canal,[3].—Sensation of swelling in the left groin, or as if a hernia were pressing out,[1].

Rectum and Anus.—A vein as large as a quill protrudes from the anus, with itching and pressure (after four days),[1].—[**850.**] **The hæmorrhoids protrude excessively during the stool, return with difficulty, and with discharge of bloody mucus from the rectum*,[1].—***Moisture in the anus**,[1].—Sticking pains in the hæmorrhoids,[1].—The hæmorrhoids which protruded with the stool became strangulated in the anus (after twenty-one days),[1].—**Although the hæmorrhoids protrude but little yet* **they are painfully sensitive** (after twenty-four hours),[1].—***The stool remains a long time in the rectum,** *as if there were no power to expel it*,[1].—**Jerking, almost dull sticking pain in the rectum*,[1].—***Cutting in the rectum**,[1].—***Stinging in the rectum**,[1].—**For several days burning in the rectum during stool*,[1].—[**860.**] Violent stitches in the rectum, extending towards the genitals, while walking (after thirty days),[1].—A coarse stitch in the rectum,[1].—**Painful stinging-itching in the rectum during stool*,[1].—Itching in the rectum, in the evening,[1].—***Tension in the anus**,[1].—Pressure in the anus after a soft stool,[1].—**Boring cramp-like pain, extending from the anus into the rectum and testicles*,[1].—Contractive pain in the anus, extending forward (into the perinæum),[1].—***Pain in the anus as if constricted, during the stool**,[1].—**Sticking in the anus* (third day),[8].—[**870.**] ***Burning in the anus after a dry hard stool** (fourth day),[8].—***Burning in the anus** (fifth day),[1].—Itching in the anus and hæmor-

rhoids,[1].—Frequent burning pain in the perinæum, especially after coition,[1]. —Frequent desire for stool, from 3 to 6 P.M. (first day),[13].—***Frequent desire for stool, but discharge of only mucus, with chilliness of the body,** *and qualmish nausea in the throat*,[1].—***Constant but ineffectual desire for stool,** *in the evening* (first day),[5].—Desire for stool, which was copious, two hours after eating (tenth day),[16].—Urging to stool, which was copious and rather soft (second day),[16].

Stool.—Diarrhœa. Diarrhœa without colic, day and night, for several days (after seven days),[1].—[**880.**] **Exhausting diarrhœa*, at night (twentieth day),[1].—Obliged to go to stool on waking, at night (after five days),[1].—Stool watery (first day),[18a].—Six watery stools with flatulence (second day),[18a].—Two watery stools with tenesmus (fifteenth day),[12].—Stool thinner than usual (first day),[18a].—Stool almost thin, slimy, frothy and followed by burning and biting in the anus (seventh day),[1].—Profuse thin stool, with great urging but without pain, after which the sleep was better (fiftieth day),[23].—Copious stool and urine,[3].—Two soft stools (third day),[14].—[**890.**] Very frequent soft stools for two days, without diarrhœa (after thirteen days),[1].—*Several soft stools, preceded by movements in the abdomen (after one hour and a half),[8].—**Pasty stool* (eighth day),[19].—Two pasty stools (fourteenth day),[12].—Pasty stool, with slimy membranous portions, followed by biting burning in the anus (sixth day),[1].—Pasty stools, at 4 and 6 P.M.,[19a].—***Horribly offensive stools,**[10].—Stool lighter colored than usual,[4].—Stool mixed with bloody mucus, followed by biting in the anus,[1]. —Discharge of blood and mucus from the anus, in which there was a violent burning (eleventh and twentieth days),[1].—[**900.**] **Stool, with mucus,* followed by itching in the anus (nineteenth day),[1].—Reddish mucus with the stool,[1].—**Frequent scanty discharge of liquid as offensive as carrion*,[1].—Evacuation of round worms with the stool,[1].—***Constipation.*** Stool hard, then again natural (the first days),[1].—Stool partly hard, partly thin, with some urging,[21].—***Stool consisting of hard lumps, evacuated only with great effort,** at 6 P.M.,[8].—Stool always hard, even after ten days,[8].—Stool as hard as stone (thirty-eighth day),[26].—***Stool scanty, difficult** (after twenty-four hours),[4]; **after great urging and straining until the abdominal walls are sore, the stool that has already protruded slips back again,**[1]. —[**910.**] **Dry, hard, and light-colored stools*,[29].—**Hard stools*,[23].—***Very hard stool, followed by burning in the anus,** in the afternoon (fifth day),[8]. —***Very hard nodular stool, like clay-stones, evacuated only with great effort** (third day),[8]. —**Natural stool, evacuated with much pressure and straining*,[1].—**Constipation*,[19a]; (first day),[1].—Constipation (first days), followed by very hard stools,[1].—Absence of stool (first day),[1].—Great constipation just before and during the menses,[1].—**Constipation the first three days in spite of frequent straining; the following days,* **very hard unsatisfactory stools, with very great effort,**[6]. — [**920.**] *Constipation, for two days*,[4].—**Constipation for three days* (after fourteen days); *followed by stool, consisting of small hard nodules*,[1].—Constipation for three days (after three days),[8].—During the first part of the proving the constipation continued according to habit, afterwards the stools were freer,[27].

Urinary Organs.—He feels a weakness in the urinary organs, constant desire to urinate,[35].—Pressure upon the bladder while urinating, followed by burning,[3].—Constant fine stitches in the forepart of the urethra,[1].—Cutting pain in urinating,[39].—Cutting during micturition (sixteenth day),[1].—Burning in the urethra while urinating,[1].—[**930.**] Burning pain during micturition, for several days (after ten days),[18a].—Smarting in

the urethra while urinating,[1].—Constant desire to urinate, the urine was passed guttatim, with violent burning pain in the urethra, for three days (after fourteen days),[8].†—Desire to urinate, with copious discharge,[4].—Desire to urinate, with scanty discharge,[4].—Urging to urinate, with smarting in the urethra,[1].—Frequent desire to urinate,[1].—Desire to urinate, with erections, at night,[4].—Frequent ineffectual efforts to urinate,[1].—Involuntary micturition while sitting, after urinating,[1].—[**940.**] Awoke at night to urinate (sixth night),[27].—He woke at night in sweat, with desire to urinate,[1].—He was obliged to urinate every quarter of an hour, about 7 A.M., for several days,[1].—*Obliged to rise nearly every night to urinate*,[4].—Frequent scanty emission of urine without pain (fifth day),[8].—Did not rise to urinate at night as usual (first day),[9].—Urine scanty, with burning during the evacuation, in the afternoon (fifth day),[8].—Urine red (tenth day),[18a].—Urine hot, burning, pale yellow,[3].—The urine is very sedimentous,[39].—[**950.**] Urine very turbid,[29].—The urine speedily becomes turbid,[1].—Red sandy sediment in the urine,[1].—Profuse red sandy sediment in the urine (twenty-first day),[25].—The urine deposits a yellow sand,[1].—Yellow gritty sediment in the urine (first days),[1].

Sexual Organs.—Frequent stitches through the genitals (thirty-third day),[25].—Distressing itching in the genitals while urinating,[1].—Frequent violent erections during the day, without apparent cause (first days),[1].—**Violent erections at night*, without sexual desire,[1].—[**960.**] Violent erections, with relaxed scrotum (after five days),[1].—Violent erections, with drawing pain in the testicles,[1].—Erections follow slowly (after twenty-three days),[1].—No erections, even no trace of them (after several days),[1].—Redness about the corona glandis, as if denuded of skin, with frequent itching,[1].—Swelling of the prepuce, with itching moist pimples externally,[1].—Itching and red spots on the glans penis,[1].—Sharp pricking pains in the penis, for ten minutes,[29].—Burning pain in the prepuce after a stool,[1].—Itching beneath the prepuce,[1].—[**970.**] **Hydrocele*,[7].—**Itching and a moist spot on the scrotum*,[1].—Crawling on the scrotum,[1].—The testicles are painful, worse at night, but only when lying down,[1].—Pain in the right testicle as if it were indurated,[1].—Distending or compressing pain in the left testicle, as from great swelling,[1].—Jerking pains in the left testicle,[13].—Pressure in the spermatic cords, with the testicles hanging down relaxed (first days),[1].—Dragging from the prostate gland forward,[3].—Sexual desire increased with erections (after twenty-one days),[1].—[**980.**] Sexual desire greatly excited the first eight days, erections every half hour, day and night, with retracted testicles,[1].—**Lascivious thoughts* (first and second days),[1].—Lascivious thoughts, in the morning in bed, with erections (first to fourteenth day),[1].—Sexual desire very weak, almost lost (first five weeks),[1].—**Sexual desire very weak* (the first three weeks),[1].—Diminished sexual desire and fewer erections,[29].—**Emissions first night*, and frequently afterwards,[1].—Frequent and profuse emissions,[1].—Emissions with heavy dreams, in a married man (first night),[1].—Several emissions,[29].—[**990.**] **Nocturnal emission*, with sweat on the back, and waking about 2 A.M.,[1].—Discharge of prostatic fluid with every stool,[1].—**Discharge of prostatic fluid while straining at stool*,[1].—***Female.*** Painful eruption of pimples on the mons veneris,[1].—The child of a pregnant woman moves very much,[1].—

† Smelling of the spirits of Camphor and even a dose of a few drops had no effect, neither had olfaction of Hepar sulph.; but a drop of the 12th dilution of Cantharides gradually removed the intolerable pains.

Discharge of much white water from the uterus, with violent itching of the pudenda,[1].—Profuse watery leucorrhœa after urinating, preceded by pain in the abdomen (ninth day),[8].—Profuse leucorrhœa,[30].—Profuse leucorrhœal discharge,[32].—**The leucorrhœa causes biting pain*, especially after acid food,[1].—[**1000.**] Discharge of a quantity of white watery fluid from the vagina, quite unlike ordinary leucorrhœa,[41].—Leucorrhœa, in the evening (sixth day),[8].—Some discharge of blood at the time of the new moon, for several days, eleven days before the right time for the menses,[1].—Discharge of bloody mucus from the vagina, almost immediately after the menses,[1].—**Bearing-down pains in the vagina*,[1].—**Itching of the pudenda*,[2].—**Violent burning and soreness of the pudenda, with eruption on the inner sides of the thighs, during the menses* (after twenty-three days),[1].—Reappearance of the menses, that had been absent for three months,[1].—**Menses increased* (after thirteenth and twentieth days),[1].—Menses increased, with repeated attacks of icy coldness over the whole body on their appearance,[1].—[**1010.**] Menses three days too early (after five days),[1].—Menses two days too early (after seven days),[1].—Menses five days late,[1].—The menses continued only five days, were very scanty and without pain (they usually last ten to fourteen days),[8].—Menses delayed three or four days (after eighteen days),[1].—Menses delayed five days, without other symptoms,[8].—Very strong odor to the menstrual blood,[1].—Diminished discharge of blood during the menses,[1].—Silicea taken during the menses seems to suppress them for four days, afterwards they flow for four or five days and then remain away for six weeks,[1].—**Menses suppressed*,[8].

Respiratory Organs.—[**1020.**] Sensation of soreness like rawness in the larynx, when breathing,[1].—Pain in the region of the larynx, when lifting a heavy weight,[1].—Tickling in the larynx with slight cough and hoarseness,[29].—***Voice.*** **Hoarseness* (first day),[2]; (sixth day),[14]; (about six hours after tincture),[15c].—Hoarseness while talking,[15b].—Constant hoarseness, with a painful sensation as if the throat were internally swollen,[15c].—Hoarseness, especially in the morning, so that she could scarcely speak aloud (after six days),[15a].—Hoarseness, with frequent, dry, hacking cough (after three days),[1].—***Cough and Expectoration.*** Cough at night (after fifteen days),[1].—Cough in the morning and after going to bed,[1].—[**1030.**] Cough, for five weeks,[1].—**Cough, with hoarseness* (nineteenth day),[1].—Hoarse cough (after six days),[15a].—Frequent irritation to cough (twentieth day),[25].—Spasmodic cough (after twelve days),[1].—**Cough at first caused by tickling in the throat, gradually seeming to come from lower down in the throat, till on the thirty-first day it came from the chest and shook the abdomen, during the day consisting of sudden explosive coughs without expectoration, in the evening the cough became worse* (thirty-first day),[25].—**Cough especially troublesome, after lying down in the evening and after waking in the morning, for eleven days*,[1].—**Slight cough and hoarseness, with tickling in the larynx*,[29].—Cough very violent, with lachrymation (twelfth and thirteenth days); the cough continued during the succeeding days, after two days it was very violent, especially after laughter, with sticking pain below the angle of the scapula and in the middle of the sternum on coughing; the cough was worse in the morning, with stitches in the chest, more in the middle of the sternum than at the sides, with stitches in the middle of the sternum on inspiration; **with the morning cough there was a thick yellow expectoration;* during the day the expectoration was insignificant; the morning cough occurred on rising from bed; in the evening it occurred at 9 P.M., on going to bed, lasting from one-half to three-quarters

of an hour, without expectoration and without pain; nose very much stopped; could not breathe through the nose; this influenza continued several days, and after two days was associated **with difficulty of hearing, at times with ringing in the ears*, with profuse white slimy discharge from the nose, cough diminished, thick yellow expectoration, cough and expectoration worse after rising, seldom in the evening and through the day (on account of this attack the proving was suspended),[19].—Frequent cough towards evening, without expectoration (thirty-second day),[25].—[**1040.**] Distressing cough at night, till 4 A.M. (after five days),[1].—Violent cough without expectoration, in the morning (thirty-third day),[25].—Cough caused by tickling in the throat (twenty-sixth day); becoming worse day by day; on the twenty-eighth day there was a greenish lumpy expectoration, and afterwards always on coughing in the morning the same expectoration; but throughout the day frequent cough without expectoration,[25].—Cough from morning till evening, with tickling and expectoration of mucus, also mucous expectoration without cough (twenty-second day),[24].—For two evenings, cough lasting all night, with fever, disappearing after warming the abdomen,[1].—Cough, with shattering in the abdomen (twenty-ninth day),[25].—Cough, with scraping in the throat, leaving a rawness (twenty-first day),[24].—**Fatiguing cough, with rattling of mucus, in the evening in bed*,[1].—Cough with vomiting, when expectorating,[1].—Talking always causes cough,[1].—[**1050.**] **Cough caused by tickling and irritation in the throat*,[1].—Cough only on lying down at night and in the morning,[1].—Cough that causes vomiting of mucus,[1].—**Hacking cough caused by nightly tickling in the pharynx*,[1].—**Hacking cough, caused by irritability in the throat* (twenty-second day),[25].—Fatiguing cough, without expectoration (thirty-first day),[25].—Frequent dry cough (twenty-sixth day),[25].—**Frequent dry hacking cough* (after three days),[1].—**Dry cough, that frequently wakes her at night, and also returns several times during the day* (after four days),[8].—Dry cough, with painfulness in the upper part of the sternum, in the morning after waking (sixth day),[8].—[**1060.**] Dry cough, caused by cold drinks,[1].—Frequent dry cough, only in short paroxysms,[1].—Dry spasmodic cough, at intervals of a quarter of an hour, with great rawness in the chest and throat,[1].—**Much dry hacking cough, causing soreness in the chest*,[1].—Dry cough without pain (fifth night),[19].—Short, dry, hacking cough,[30].—Dry and hacking cough,[32].—Hoarse, dry cough,[36].—**Dry cough, even to vomiting, with anxious sweat at night; obliged to rise from bed*,[1].—Violent persistent cough, with expectoration of much transparent mucus,[1].—[**1070.**] **Violent cough with expectoration, on lying down in bed*; **the expectoration, thick, yellow, lumpy** (seventh day),[18a].—Cough, especially after eating, with expectoration of white mucus,[1].—Cough and expectoration for sixteen days, with painful scraping in the chest, disinclination to work, fretfulness and weariness of the whole body,[1].—**Constant cough for several months; expectoration of much thick purulent mucus, in the morning and forenoon; large lumps of yellow mucus expectorated with painfulness in the trachea and chest, as if sore*,[11].—Cough and expectoration, with scraping in the pit of the throat (ninth day),[18a].—Cough, especially between 8 and 9 A.M., with expectoration of mucus and scraping in the throat (eighteenth day),[24].—Hacking cough with easy expectoration, in the morning (eighth day),[18a].—Cough, with yellowish green expectoration, from 7 to 10 A.M. (twenty-fourth day),[24].—Much expectoration in the morning and during the day, at times salt, at times offensive and brownish,[1].—Expectoration of bright blood, with deep hollow cough, towards noon; soon followed by

attacks of faintness (fourth day),[1].—[1080.] Expectoration of bloody mucus,[1].—Bloody expectoration with violent cough, in the morning (after seven days),[1].—Expectoration of mucus from the trachea, immediately after eating,[3].—Much mucous expectoration without cough, in the morning,[4].—***Purulent expectoration when coughing**,[7].—**Purulent expectoration of large masses by vomiting, which is provoked by the cough*,[7].—**Thick purulent expectoration of mucus from the trachea*,[3].—**Greenish-yellow expectoration of offensive balls of mucus raised by hawking*,[1].—**The expectoration makes the water turbid; that which sinks to the bottom has an offensive odor*,[1].—***Respiration.*** Frequent deep sighing respiration,[1].—[1090.] Dyspnœa, in the morning on waking (after seventeen days),[1].

Chest.—Rush of blood to the chest (after ten days),[1].—Oppression of the chest (fourth day),[19].—Oppression of the chest; she cannot take a long breath,[32].—Oppression of the chest as if the throat were constricted, especially after eating,[1].—Great oppression of the chest when walking, so that he was obliged to stop every four or five steps, without pain; on account of this oppression of the chest he was frequently obliged to take a deep breath, which he could only do with great effort,[11].—Great oppression of the chest, though without pain, inability to take a deep breath,[1].—Violent oppression of the chest after a stool,[1].—Tension in the chest (fifth day),[19].—Tension in the short ribs (fifth day),[19].—[1100.] Tensive pain across the chest, lasting several hours,[29].—Tightness of the chest (after third day),[1].—Tightness of the chest, alternating with pain in the back (after taking cold?), (after nineteenth day),[1].—Tight feel around the chest, as if she were tied in with a tape,[33].—Contraction in the chest (thirty-eighth day),[15].—Pressure on the chest towards evening,[13].—Pressure upon the chest several times in the morning in bed,[1].—Great pressure upon the chest whenever she wishes to cough; she cannot cough out on account of the pain,[1].—Weakness of the chest; when talking he is obliged to make use of the whole chest in order to articulate his words,[1].—Pains in the chest at night (fifth day),[15].—[1110.] Pains in various places in the chest (twenty-first day),[14].—**On coughing the chest is painful as if bruised*,[1].—The chest pains as if it would burst when sneezing,[1].—The chest is painful as if beaten, even on breathing,[1].—Violent pain in the chest, and a paralyzed feeling in the lower extremities on rising after sitting a long time (after forty-eight hours),[1].—Scraping in the chest on breathing,[1].—Burning pain in the chest,[1].—**Sticking pains in the chest* (first day),[17].—**Sticking pain in the chest on inspiration* (thirty-seventh day),[26].—Stitches in the chest, first in the left, then in the right side, only on deep inspiration (fourth day),[19].—[1120.] Painful stitches in the chest, shooting from the sternum round to the back,[40].—Stitches in the chest, especially on deep breathing,[3].—***Front and Sides.*** *Pressive pain in the sternum*, towards the pit of the stomach,[3].—Oppression at lower sternum,[36].—Pressure at lower sternum as from a stone,[33].—Sticking in the sternum, especially on inspiration, after dinner (fifth day),[8].—Violent contractive pain in the fore part of the chest coming from the back on walking, the chest was oppressed, the breathing short, and the pain worse the more he moved; on standing quietly and leaning against something it entirely disappeared, and did not return on moving again (fifth day),[1].—Violent pressure on both sides of the chest lasting an hour,[1].—Pressure and drawing in the right side of the chest extending towards the axilla,[1].—Pain beneath the right arm, as from pressure of the clothes, although nothing unusual could be seen,[1].—[1130.] Heat in the chest, with coldness and chilliness over the whole body (second day),[1].—

Sticking in the right side* (after twelve hours),[1].—Stitches beneath the right ribs on respiration,[1].—Severe stitches through the right side of the chest (after nine days),[1].—Transient stitches within the right chest (forty-sixth day),[23].—Pressive pain in the left side of the chest, on the false ribs (after ten days),[1].—Pressure in the left side of the chest in the morning on rising,[3]. —Sharp pressure on the left chest,[1].—Pressure and sticking in the left side of the chest,[3].—Pressive tension, especially in the left side of the chest,[3].—[1140.] Pain beneath the left ribs as if something would be torn away,[1].—A pinching jerking in the left intercostal muscles frequently during the day, not affected by respiration or touch,[1].—Tearing pain in the left side of the chest,[1].—Constant sticking pain beneath the left ribs, worse on taking a deep breath; the ribs even are painful to touch,[1].—Sticking pain in the left chest (first day),[17].—Sharp stitches in the left side of the chest (nineteenth day),[12].—Sharp stitches in the left side of the chest; whence they extended to the elbow, then to the wrist (nineteenth day),[12].—Stitches in the left chest,[3].—Stitches in the left side of the chest extending down to the last ribs, on every inspiration at night,[1].—*Mammæ.*** Induration of the left breast,[7a].—[1150.] ***The right breast is hard, painful, and swollen at the nipple—it feels as if it were "gathering,"*** [32].—***Darting and burning pain in the left nipple,***[32].—Sticking pain in the left breast (thirty-eighth day),[24].—Painful stitches behind the left breast, with chilliness all night from evening on, and also next day (after third day),[5].—Sharp stitches behind and beneath the left breast during dinner (first day),[5].—A painful stitch beneath the left breast on expiration at 2 P.M. (eighth day),[5].

Heart.—Transient orgasm at the heart for eight days,[1].—Heavy pressure in the region of the heart (third day),[2].—**Palpitation and throbbing over the whole body while sitting*,[1].—Palpitation, with trembling of the hand in which he was holding something, while sitting quietly,[1].—[1160.] Palpitation, with anxiety for half an hour after the midday meal,[1].—* *Violent palpitation on every movement* (forty-second and forty-sixth day),[23].—Palpitation causing great anxiety and orgasm of blood in the whole body, in the evening when going to bed (fiftieth day),[23].—Violent palpitation for two hours in the afternoon and evening (fifty-first day); worse on standing; he was frequently obliged to sit down because standing caused anxiety (fifty-fourth and fifty-fifth days),[23].—Palpitation worse while standing than while sitting (fifty-sixth day),[23].—Violent palpitation in the evening,[13].

Neck and Back.—Neck. Stiffness and chilliness at the nape of the neck,[32].—**Stiffness of one side of the neck; cannot turn the head on account of pain* (after forty-six hours),[6].—**Stiffness of the nape of the neck* (second day),[2]. —***Stiffness of the nape of the neck, with headache,***[1].—[1170.] Feeling of tension in the nape of the neck (after a few hours),[1].—Pressure on the left side of the neck, as if the vessels were swollen,[1].—Pinching pain in the right side of the nape of the neck, lasting a quarter of an hour; disappearing when pressing the hand upon it, but immediately returning at 9 A.M. (fifth day),[5].—Some violent tearings in the middle of the nape of the neck at 10 A.M. (first day),[5].—Stitches in the cervical glands,[1].—***Back.*** **Weakness in the back, and a paralyzed feeling in the lower extremities; could scarcely walk* (eighth day),[1].—Stiff, sore feeling down the right side of the spine, then across the loins, and over the right hip joint,[33].—Stiffness of the back and small of the back after sitting,[1].—Great stiffness in the back and small of the back after sitting; he could not straighten up (after eight days),[1].—Stiffness in the back,[1].—[1180.] Pressure in the back,[1].—Pain in the back in the morning after waking, on beginning to move, afterwards

disappearing,[1].—Pain in the back (twenty-fourth day),[14].—**Pain in the curved spine*,[1].—Griping pain in the right side of the back for an hour,[1].—Violent tearing or beating pressure in the back, with chilliness, afterwards changing to dull pressive headache, with heat in the head (first days),[1].—Arthritic tearing pains in the back (sixteenth day),[12].—Painful cutting in the back all day (after eight days),[1].—**Burning in the back while walking in the open air and becoming warm*,[1].—**Violent shooting pain in back between hips*,[29].—[1190.] **Throbbing in the back*,[1].—***Dorsal.*** Constant aching pain in the centre of the back; it was very marked and continuous,[29].—Pressure as from a weight upon the scapulæ, more in the morning during rest than during motion; they seemed swollen, and the pain took away the breath when leaning against the back,[1].—A rheumatic pressure between the scapulæ, especially on moving the left arm on waking from a dream of a battle about 4 A.M.,[4].—Tensive drawing in the right scapula (after twenty-one days),[1].—Drawing pain by paroxysms in the scapulæ; afterwards in the nape of the neck and head, when she became dizzy as if she would fall,[1].—Drawing between the scapulæ only at night; she was obliged to bend backward for relief during the menses,[1].—**Violent tearing pain between the scapulæ*,[32].—**Tearing pain beneath the scapulæ while walking*,[1].—Tearing-asunder pain between the scapulæ,[1].—[1200.] Burning pain in the left scapula (after four days),[1].—Crawling in the left scapula,[1].—*Frequent sticking in the right scapula* (after five days),[1].—Stitches between the scapulæ,[3].—***Lumbar.*** Aching pains in the loins, shooting down both legs,[36].—**Stiffness and pain in the small of the back on rising from a seat* (tenth day),[16].—Lameness in the small of the back (after fifteen days),[1].—Desire in the small of the back to stretch,[1].—Very bruised sensation, principally in the small of the back and right side, especially on stooping or turning suddenly, severer in the morning (thirty-first day),[24].—Violent pain in the small of the back, directly after taking each dose,[41].—[1210.] **Violent pain in the small of the back* (after nine days),[1].—Pain in the right side of the small of the back (thirty-first day),[24].—**Pain in the small of the back after stooping* (eighth day),[16].—Pain in the small of the back as if lame, in the morning on rising (after thirty days),[1].—Pain in the small of the back, and in the shoulder on which he was lying, at night,[1].—**Pain, as if beaten, in the small of the back, at night*,[1].—Pressure and tension in the small of the back,[3].—Sticking pains in the lower portion of the spine, extending sideways and upward (forty-fifth day),[26].—Stitches in the lower portion of the back (thirty-third day),[25].—Lame, painful feel in the region of the sacrum,[32].—[1220.] Very painful stitch in the sacral region that causes starting (first day),[8].—***The coccyx is painful, as after a long carriage ride*,[1].—***Stinging in the os coccygis, which is also painful to pressure** (thirty-third day),[25].

Extremities.—**Gray dirty nails, as if decayed, when cut scattering like powder and splitting into several layers*,[7].—Dreadful trembling in all the limbs, the hands in particular; at times she was quite unable to lift a cup of tea,[34].—*Trembling* of all the limbs, especially of the arms, they seemed paralyzed in the morning,[3].—Frequent jerking of the arms and of the right lower extremity, and grasping with the hands, in the evening on falling asleep,[1].—**Weakness in all the limbs* (nineteenth day),[12].—***Weakness of the limbs*,[12 13 18 19 26], etc.—**Weakness in all the limbs, so that he could scarcely walk* (first day),[19].—[1230.] Great weakness of the arms and feet, so that he could scarcely walk or lift a pound with the hand (sixteenth day),[12].—Weakness of the joints so that they give way,[1].—Weariness in the

extremities, worse in the upper,[19a].—Stiffness of the upper and lower extremities, with loss of sensation and with numbness; can no longer walk without falling; he is even unable to feed himself, since he cannot use his hands (after twenty-one days),[4].†—Great stiffness of the limbs,[1].—Quite lame feeling in the limbs when rising from a seat, disappearing on continuing to walk,[1].—Uneasiness and lameness in the joints of the upper and lower extremities, when walking and sitting,[4].—Heaviness of the extremities, while walking in the open air (first day),[1].—The upper and lower extremities are heavy, as if filled with lead,[1].—All the limbs seem bruised; she cannot lie long in any position on account of pain, for four days (after two days),[8].—[**1240.**] Frequent pain in the limbs, especially of the left side, at times in the leg, at times in the upper extremities, especially in the left knee and left forearm (thirty-second day),[25].—Pain in the shoulders, arms, and down to the wrists, afterwards from the hips to the ankles; the pains in the shoulders and arms were tearing, in the lower extremities jerking, half an hour after going to bed in the evening; the pains lasted till 4 A.M., with restless sleep (fifth night),[19].—Paralytic pain on the outer condyle of the humerus and on the inner side of the thigh, on motion,[3].—Spasmodic pains in the thighs and arms alternately for an hour, at 10 P.M. (fifth day),[12].—The hands and feet seem dead, in the morning,[1].—Paralyzed feeling in the limbs,[13].—Painful tearing in the left leg and posterior portion of the upper arm, lasting six minutes (first day),[12].—Tearing in the joints and soles of the feet, with involuntary jerking of the feet as though he suffered from chorea, which caused a hundred sleepless nights,[1].—Violent tearing in the left calf, towards the bend of the knee, with chilliness; then the pain also appeared in the left shoulder, in the evening in bed (third day),[8].—Drawing pain in the limbs, partly cramplike, and partly sharp,[1].—[**1250.**] Biting in the limbs (seventh day),[18].—Biting in the legs and arms, aggravated in bed, in the evening (sixth day),[19].—Biting in the arms and legs (sixth day),[18].—Tearing stitches in the left foot and heel, so that he shuddered, lasting five seconds; afterwards also in the right shoulder, which he was obliged to let hang down, at 10 A.M. (first day),[8].—Stitches in various joints, elbows, wrists, etc. (fifth day),[19].

Superior Extremities.—Slight muscular twitches in the arms,[1].—Tremulousness of the left arm (thirty-second day),[25].—Rush of blood to the arms while constantly at work and stooping, they seem swollen and tremble for an hour,[1].—Rheumatic stiffness of the left arm, more painful during motion than rest,[1].—Weariness of the arms, in the morning in bed,[1].—[**1260.**] **The arms are heavy*, as if filled with lead,[1].—Uneasiness and trembling of the right arm,[1].—Violent pressure in the left arm, as if in the marrow of the bone,[1].—Drawing in the arm extending into the little finger,[3].—The arm falls asleep when lying upon it,[3].—Numb sensation in right arm like pins and needles,[28].—Tearing in arms, commencing alike in both arms and extending to the wrists (fourth day),[19].—Tearing in both arms,[1].—Jerking tearing in the arms, extending into the thumb,[3].—Biting in the arms (sixth day),[18].—[**1270.**] Sticking pains in the arms (eighth day),[15].—Sticking pains in the arms (twenty-first day),[26].—Throbbing in

† This symptom occurred in an old man, after the administration of a low dilution of Silicea, for an inveterate tetter. Hahnemann by an oversight put it in Lycopodium. Gross, Archiv. fur Hom., vol. xx, part i, p. 79. Dr. Hering has kindly called the attention of the Editor to this note by Dr. Gross. Symptom 2048 of Lycopodium must, therefore, be erased.—T. F. A.

the right arm, so that the jerking of the muscles could be felt with the other hand; thereupon the arm seemed paralyzed, and it returned if he held the arm high up (after ten days),[1].—Throbbing in the right arm after eating,[1].—***Shoulder.*** * *Very great swelling of the axillary glands,*[7*].—Sharp momentary pain in right shoulder-joint,[29].—Pressive pain in the right shoulder (fourth day),[17].—Violent pressive pain on the right shoulder, extending to the elbow as soon as he uncovers and becomes cold, mostly at night,[1].—Pain like a pressure in the shoulder, extending to the hand, with a sensation as if she could lift nothing heavy, though she could use the hand as usual (immediately),[1].—Painful jerking in the right shoulder-joint, in the evening, throwing the arm up high (after seven days),[1].—[**1280.**] Jerking in the right shoulder-joint,[13].—Drawing pain in the axillary glands (nineteenth day),[1].—Drawing in the axillæ (thirty-third day),[25].—Drawing pains in the left shoulder (first day),[17].—Drawing pain in the shoulder and arm as far down as the elbow (first day),[17].—Tearing in the shoulders and wrists, inability to lift anything (fourth day),[19].—Arthritic tearing pain in the right shoulder (seventeenth day),[12].—Tearing in the shoulder on moving it,[1].—Tearing in the right shoulder (sixteenth and nineteenth days),[12].—Throbbing tearing in the left shoulder (after half an hour),[12].—[**1290.**] Frequent stinging pains in the shoulders (twenty-ninth day),[25].—Stinging pains in the right shoulder (twenty-sixth day),[25].—Biting pain in the axillæ (tenth day).[19].—Sticking pain in the shoulder extending to the hand (first day),[17].—Sticking pains in the axillæ (eighth day),[17].—Sticking pain in the left shoulder (third, fourth, fifth, and seventh days),[17].—Stitches in the shoulder-joint, in the morning,[1].—Stitches and tearing in the right shoulder-joint,[13].—Stitches in the left shoulder (fourth day),[17].—***Arm.*** Weakness in both arms from the shoulders to the elbows (fourth day),[22].—[**1300.**] Frequent violent pain on the inner side and lower portion of the left upper arm (thirty-second day),[25].—Pain in the upper arm on pressure,[1].—Frequent pains in the lower portion of the left upper arm (thirty-second day),[25].—Bruised pain in the bones of the upper and forearm on deep pressure (third day),[25].—Jerking pain in the right upper arm (after ten days),[1].—Drawing pain in the lower portion of the left upper arm (thirty-second day),[25].—Stinging and drawing pains in the left upper arm (thirty-third day),[25].—Arthritic tearing in the right upper arm (sixteenth day),[12].—A painful tearing in the middle of the left upper arm, as if in the marrow of the bone, at 9 A.M. (first day),[8].—Frequent sticking pain in the upper and anterior portion of the left upper arm, frequently repeated (twenty-second day),[25].—[**1310.**] Sticking pains in the right arm, from the shoulder to the elbow, and back and forth (fifth day),[22].—Sticking pain in the upper part of the upper arm (fifth day),[17].—Sticking pains in the posterior portion of the right upper arm (sixteenth day),[12].—***Elbow.*** Sensation of bursting bubbles in the flexor surface of the left elbow (thirty-second day),[25].—Drawing in the elbows, as if in the marrow (third day),[1].—A pain, between a drawing and sticking, in the elbow (fourth day),[17].—Sticking pain in the elbow (fifth day),[17].—Stitches through the right elbow (thirty-third day),[25].—***Forearm.*** Twitching in the muscles of the left forearm (after ten days),[1].—Conscious of pulsations in the ulnar artery (thirty-third day),[25].—[**1320.**] Pressing pain in the left forearm (first day),[25].—Paralytic pain in the extensor tendons of the forearm,[3].—Jerking pain in the left forearm,[1].—Painful drawing in the lower portion of the left ulna, frequently repeated during the forenoon; afterwards a drawing pain in the upper part of the left ulna near the elbow, and also sudden

stitches in the radius near the elbow; also frequent sticking and tearing in the upper part of the forearm, at times the pain was a drawing tearing, frequently returning during the forenoon (thirty-second day),[25].—Painful drawing in the forearm (thirty-first day),[25].—Drawing pain in the right forearm (first day),[17].—Drawing pain in the left forearm (thirty-third day),[25].—Drawing pain in the middle of the ulna (thirty-second day),[25].—Tearing in the right forearm, in the wrist, and extending to the elbow and afterwards into the shoulder (twentieth day),[12].—Frequent drawing-tearing pains in the left forearm; the pain was at times constrictive when near the wrist, while in the forenoon they were near the elbow; the pains also lasted longer at noon (thirty-second day),[25].—[**1330.**] Tearing in the left ulna near the elbow (thirty-third day),[25].—Paralytic tearing in the left forearm,[3].—Arthritic tearing pains in the forearm (sixteenth day),[12].—Tearing pains in the left forearm, in the wrist (sixteenth day),[12].—Arthritic tearing pain in the left forearm (sixteenth day),[12].—Frequent tearing in the upper portion of the left forearm during the day; at times the pain was sticking and quite violent (thirty-first day),[25].—Stinging pains in the right forearm (thirty-third day),[25].—Stitches in the lower part of the forearm (twenty-eighth day),[25].—Sticking pains in the right forearm (third day),[17].—***Wrist.*** Weakness in the wrists (third day),[15].—[**1340.**] Lameness of the wrists, in the morning,[3].—Pain in the wrist as if sprained,[1].—Pressive pain in the right wrist (second day),[17].—Constrictive pain in the right wrist (forty-fourth day),[24].—Drawing and tearing in the left wrist (thirty-third day),[25].—Violent tearing pains in the wrists and fingers (sixteenth day),[12].—Frequent violent tearing in the wrist (thirty-second day),[25].—Violent tearing in the region of the wrists, in the forenoon (first day),[19].—**Tearing pain in the wrist and in the ball of the hand* (thirty-first day),[25].—Tearing in the wrist, that is also very painful to touch and on motion, as if it would break,[1].—[**1350.**] Tearing pain in the right wrist (first day),[17].—Tearing in the right wrist (sixteenth day),[12].—Tearing in the left wrist and pain in the left middle finger, the fingers seem somewhat swollen (after four days),[28].—Violent tearing in the left wrist, extending thence to the shoulder,[13].—Stitches in the right wrist, while writing (thirty-first day),[25].—Stitches in the right wrist (fourth day),[17]; (thirty-third day),[25].—***Hand.*** **Frequently obliged to lay down the pen while writing, on account of lameness in the right hand* (twenty-third day),[25].—Cramp in the hands when writing,[1].—**Cramp-like pain and lameness of the hand after slight exertion*,[1].—Drawing in the hands (after thirteen days),[1].—[**1360.**] Drawing pain in the right hand,[1].—**Sense of numbness in the hands and pricking in both arms*,[29].—Pricking and numbness in the hands,[1].—***Falling asleep of the hands at night,**[1].—Falling asleep of the right hand at night,[1].—Stinging pain in the ball of the right hand (thirty-third day),[25].—***Finger.*** ***Finger-nails rough and yellow,**[1].—**Great dryness in the tips of the fingers, in the afternoon*,[4].—**The left middle finger is flexed and stiffened, on bending it out great pain along the whole extensor tendon in the back of the hand*,[1].—At night the little finger became quite stiff, could not bend it,[1].—[**1370.**] Weakness of the right thumb, almost preventing the use of the whole hand (first day),[1].—Cramp-like pain in the joints of the thumb,[3].—**Pain as from a splinter, in the flexor surface of one finger*,[1].—***Pain in the left index finger as if a panaritium would form** (after twenty days),[1].—***Sensation as if the tips of the fingers were suppurating,**[1].—**Feeling of numbness of one finger, as if it were thick and the bone enlarged*,[1].—**Paralytic drawing in the fingers*,[1].—Drawing feel in the joints of right fingers, as if they were being pulled out of the

sockets,[22].—Drawing in the left little finger (thirty-second day),[25].—**Tearing in the fingers*,[3].—[1380.] **Tearing in the joints of the fingers and thumbs*,[4]. —Tearing in the left thumb, by the wrist (thirty-second day),[25].—**Tearing pain in the middle finger*,[1].—**Tearing pain in the right middle finger* (thirty-third day),[25].—Tearing in the second joint of the right middle finger, with momentary trembling (thirty-second day),[25].—Jerking pains in the index finger, violently increasing, for five minutes,[1].—A burnt sensation on the back of one finger,[1].—Stinging pains in the thumbs (thirty-first day),[25].—Stinging pain in the right little finger (thirty-second day),[25].—Prickling sticking in the ring finger (after three days),[1].—[1390.] **Sticking pain as if asleep, now in one, now in another finger, then also in the arms*,[1].—Sticking in the fingers of the right hand (sixteenth day),[15].—Sticking in the last phalanx of the thumb (thirty-third day),[25].—Sticking pain in the left middle finger (second day),[17].—Sticking pain in the tip of the left index finger (twenty-second day),[25].—**Stitches in the ball of the thumb*,[3].—A fine stitch deep in the inner surface of the middle joint of the right ring finger, while on the outer portion there is a burning pain, at 9 A.M. (first day),[5].—Jerking stitches in the left middle finger (after two days),[1].—Stitches in the little finger,[3].

Inferior Extremities.—Shuffling, heavy gait,[1].—[1400.] The lower extremities are a single time jerked together, followed by a sensation as if the head were shaking, as in ague, with bristling of the hair, though with natural warmth of the body,[1].—Trembling of the lower limbs with extreme nervousness,[23].—Muscular twitches in the left lower extremity,[1].—***Weakness of the lower extremities**,[3].—**Great weariness of the lower extremities from a short walk, so that he was obliged to rest*,[4].—**Weariness of the lower extremities, in the morning*,[1].—**Heaviness of the lower extremities*,[1].—The right lower extremity falls asleep,[1].—The lower extremities fall asleep, in the evening while sitting, after which they become stiff until she moves them again,[1].—Drawing and tension as from chilliness, extending from the nates down to the feet (eleventh day),[16].—[1410.] Tearing pains in the left lower extremity (sixteenth day),[12].—Tearing extending from the pelvis to the hollow of the knee,[3].—Tearing, here and there, in the whole left lower extremity, at 11 A.M.,[5].—Sticking prickling in many places on the lower extremities, gradually relieved after violent scratching,[4].—***Hip.*** **Violent bruised sensation in the hips and small of the back, painful on stooping* (third day),[24].—***Pains in the hips** (thirty-first day),[25]. —Pain in the left hip when stooping, for a quarter of an hour,[1].—Dragging feel from the right hip down to the toes,[22].—Drawing-jerking pain in the right hip-joint, making it impossible to move the limb (after sixteen days),[1].—**Tearing pain in the hips*, extending along the outer side of the right leg to the knee, where there was a stitch, relieved while sitting, returning on moving about; inability to walk on account of painful stiffness of the knee; after half an hour the sticking and tension occurred in the second phalanges of the fingers of the left hand (seventh day),[19].—***Thighs.*** [1420.] Weakness in the thighs (fourth day),[19].—Sensation in the left thigh as if a bladder rose under the skin and suddenly burst (thirty-second day),[25].—Twittering pain in the thigh (thirty-second day),[25]. —Sensation of bursting bubbles in the right thigh (thirty-second day),[25].—**The femur pains as if beaten, while walking, sitting, and lying, even in the morning in bed, on waking*,[1].—**Frequent pain in the thigh, drawing and sticking* (twenty-sixth day),[25].—**Drawing in the thighs, extending to the feet*,[1].—**Pain between a drawing and sticking, in the thigh, just below the*

groin (twenty-second day),[25].—Drawing pain in the right thigh (thirty-second day),[25].—Drawing pain in the lower portion of the left thigh (thirty-second day),[25].—[**1430.**] **Tearing in the thighs* (nineteenth day),[12]; (thirty-first day),[25].—Tearing in the right thigh, afterwards extending down to the malleoli (twentieth day),[12].—Tearing in the left thigh (thirty-second day),[25].—Tearing in the left thigh above the knee, back and forth, as if in the marrow of the bone, afterwards in the knee, and after it became very violent it was relieved by standing (after one hour),[8].—Throbbing tearing in the left thigh, that was somewhat painful (third day),[12].—Arthritic tearing pains in the left thigh (sixteenth day),[12].—Jerking pain in the muscles of the right thigh,[1].—A jerking periodically in the vessels of the right thigh, a little above the knee, lasting two hours, not painful (after one hour, twelfth day),[12].—Jerking in the middle and upper portions of the right thigh,[13].—The thighs fall asleep, while sitting,[3].—[**1440.**] Violent biting on the inner and posterior surface of the thighs (tenth day),[19].—Stinging in the right thigh (thirty-third day),[25].—Stinging pain in the posterior portion of the thigh (thirty-third day),[25].—Pricking and shooting pain in the left thigh,[29].—**Sticking pain in the right thigh* (thirty-second day),[25].—**Sticking in the left thigh*,[1]; (thirty-third day),[25].—Persistent acute stitches in the middle of the right thigh, afterwards in one or the other foot and in the arms (first day),[27].—Stitches in the upper part of the right thigh (thirty-second day),[25].—Stitches as with needles in the left thigh, when walking,[1].—**Pulsative sensation in the right thigh* (thirty-third day),[25].—***Knee.*** [**1450.**] **Great weakness, especially about the knees*,[21].—**Weakness of the knees*,[1].—Weakness of the knees, so that he could not stand, afterwards the weakness extended to the middle third of the thigh (tenth day),[18a].—Painful stiffness of the knees, when walking and standing,[4].—Sensation of bursting bubbles in the hollow of the right knee (thirty-second day),[25].—Tensive pain in the knee, when walking (thirty-second day),[25].—***The knee is painful as if too tightly bound*,[1].—Soreness of the left patella,[1].—Drawing pains in the bones, beginning in the knees and extending along the outer side of the thighs to the hips, like a tight cord (twentieth day),[26].—Drawing in the left knee (twelfth day),[1].—[**1460.**] **Tearing in the knees, while sitting, disappearing on motion*,[1].—Tearing about the right knee, extending to the foot, during rest and motion, more in the forenoon (after two days),[1].—Stinging-tearing and drawing pains in the left knee (thirty-third day),[25].—Sticking pains in the knees (twenty-first day),[26].—Sticking pain in the right knee (fifth day),[17].—Sticking drawing-pressive pains in the left knee, frequently repeated (thirty-third day),[25].—Stitches from time to time in the knees (fifth night),[19].—Stitches in the knees, deep in the joints, when walking, not when sitting (twenty-seventh day),[26].—Stitches through the right knee (thirty third day),[25].—Stitches in the left knee (fourth day),[17]; (thirty-second day),[25].—***Leg.*** [**1470.**] Swelling of the legs, though only as far as the feet,[1].—Great weakness of the legs so that he could scarcely walk (fourth day),[19].—Weariness in the legs, and below the calves and in the feet (seventh day),[14].—Lameness of the whole right leg, with painful sensitiveness of the balls of the diseased toes, when walking,[4].—Boring pain in a sore spot on the leg (after fourteen days),[1].—Feeling of something alive in the legs, from the knees to the feet, like a trembling without chilliness, at 6 to 7 P.M. (after fifteen days),[1].—When one leg is in great pain the other is quite numb,[32].—Pressive pains in the legs (second day),[17].—In the evening, drawing pain down the legs, always ending with starting up or jerking in the legs,[1].—Drawing

and tearing pains in the left leg (thirty-third day),[25].—[1480.] Tearing pains in the legs, worse during warmth and while sitting than on moving about (third day),[12].—Persistent tearing pain in the right leg, from 2 to 5 P.M. (twelfth day),[12].—Arthritic tearing pains in the right leg, afterwards extending up to the shoulder, where it gradually disappeared (seventeenth day),[12].—Tearing in the leg, very painful in the malleoli (nineteenth day),[12].—Violent biting in the legs (eleventh day),[19].—A frequent pulsative sensation in the left leg (thirty-third day),[25].—Pulsations in both legs (thirty-third day),[25].—Pressive pain in the left tibia, lasting two hours,[1].—Painful drawing in the lower portion of the tibia (thirty-first day),[25].—A drawing tearing in the tibia frequently repeated (thirty-second day),[25].—[1490.] Tearing in the middle portion of the tibia (twenty-ninth day),[25].—Pinching pain in the left tibia and knee,[1].—Numbness and swelling of the calves,[32].—* *When walking, sensation as if the calves were too short,* immediately disappearing on sitting,[1].—Painful cramp in the right calf, in the morning in bed,[1].—Painful contraction in the right calf (eleventh day),[15].—* *Tension in the calves as from cramp, when walking* (twentieth day),[26].—* *Calves tense and contracted* (twenty-second day),[26].—Painful sensation in the left calf (twenty-second day),[25].—Sticking in the calves on stepping out, while walking,[1].—[1500.] Sticking pain above the calf, while walking in the open air (eighteenth day),[1].—***Ankle.*** Stiffness and weariness of the ankle, with swelling about the malleoli,[1].—Soreness of the ankles (second day),[16].—Tension of the ankles, even while sittting,[1].—* *Pain, as if sprained, in the ankle,*[1].—Drawing in the left ankle frequently repeated (thirty-third day),[25].—Tearing pain in the ankles, relieved by lying down (fourth day),[19].—Violent sticking pain in the tendo Achillis, while walking in the open air,[1].—Sticking in the right external malleolus, even at night,[1].—***Foot.*** Swelling of the feet, mostly in the morning on rising, less in the evening; very tense when walking,[1].—[1510.] * *Swelling of the feet, with redness, in which pressure caused a white spot in a short time; with pain extending from the toes to the malleoli,*[1].—* *Swelling of the feet as far as the ankles,*[32].—* *Swelling of the left foot as far as the malleoli,*[1].—(Erysipelas broke out on the foot and about the ankle, red, shiny, with stinging pains),[15b].—* *Intolerable sour odor of the feet without perspiration,*[1].—***Intolerably bad, carrion-like odor of the feet, without perspiration, every evening** (after three days),[1].—Several times her feet gave way under her, while walking,[32].—* *Weakness of the feet* (fourteenth day),[12].—* *Painful cramp in the sole of the right foot, and especially in the great toe,* during a long walk (after two days),[1].—* *Cramp in the soles of the feet,*[1].—[1520.] The foot is easily sprained,[3].—* *Soreness of the soles of the feet, especially towards the toes,*[3].—Pain in the feet, as if in the bone, from the middle of the legs down to the ankles and along the backs of the feet, aggravated by standing and walking; the pain caused uneasiness in the feet, which made it necessary to rest them (tenth day),[16].—Pain on the back of the foot as if bruised,[1].—Pains in the back of the right foot (tenth day),[24].—Pain in the ball of the foot,[1].—Pains in the ball of the right foot (eleventh day),[15]; (twenty-fourth day),[27].—Drawing in the sole of the foot (thirty-third day),[25].—Very painful tearing in the feet and legs, aggravated by walking; the pains afterwards were felt in the left foot, especially in the calf, with constant spasmodic contraction in it, that continued even while sitting (thirty-sixth day),[15].—Violent tearing in the feet,[13].—[1530.] Arthritic tearing pains in the top of the left foot (sixteenth day),[12].—Constant tearing in the soles of the feet, lasting till 6 P.M., then extending upward and becoming seated

above the knee, where it continued all night (fourteenth day),[12].—Fine tearing in the middle of the sole of the right foot, towards the inner margin, together with tension externally, twice in the forenoon (fifth day),[5].—Tearing in the sole of the left foot (sixteenth day),[12].—**Tearing in the heels* (twelfth and twenty-third days),[1].—**Burning of the feet*,[1].—Burning in the feet, at night,[1].—**Burning of the soles of the feet*,[1].—Burning in the sole of the right foot, at night,[1].—Burning on the back of the right foot (twelfth day),[15].—[**1540.**] Cutting in the soles of the feet,[3].—Sticking pain in the feet and legs, especially while standing (twelfth day),[15].—Sticking about the malleoli of the right foot (eighth day),[17].—Sticking in the heel and great toe, while standing and sitting,[1].—Stitches in the soles of the feet,[1].—Pricking and stitches in the left heel,[29].—***Toes.*** The great toe that had healed, began to pain as if ulcerating, only when stepping and walking upon it,[1].—Corn, with violent burning on the great toe,[1].—A corn becomes exceedingly sensitive to touch,[1].—The toes are stiff, she cannot bend them,[1].—[**1550.**] Pain in two toes, as from pressure of the boot, while walking (after seven days),[1].—**Constant violent pain in the great toe so that he can scarcely step*,[1].—Pain as from a sprain in the joint of the great toe,[3].—**Pains beneath the nail of the great toe and stitches in it*,[1].—**Frequent boring pain in the great toe*,[3].—Drawing feel in the joints of the toes, as if they were being pulled out of the sockets,[32].—**Tearing in the great toes*, in the evening,[1 3].—Tearing in the right great toe,[1].—Tearing in the ball of the right great toe a few times, at 11 A.M. (first day),[8].—Cramplike stitches in the toes,[1].—[**1560.**] **Violent stitches in the corns*,[1 3].—**Stitches in the corn*, jerking up the feet (sixth day),[1].—Cutting stitches in the right great toe,[1].—Violent stitches in the great toe,[1].—Stitches in the joint of the great toe,[3].—Stitches in the great toe, so violent that it jerked the lower extremity (sixth day),[1].—Stitches in the indurated toe,[1].—**Itching-cutting pain beneath the toe-nail*,[1].

Generalities.—She became extremely emaciated during the five days' illness,[8].—**Emaciation of the whole body, with pale, suffering expression*,[11].—[**1570.**] **Great emaciation*,[7].—**Tremulousness when writing* (thirty-third day),[25].—*Epileptic attack* at night, about the time of the new moon; the body was at first stretched out, then tossed about, without cries and without biting the tongue (after sixteen days),[1].—A paroxysm; she became pale, quiet, and lost her appetite, complained in a weeping manner of very violent sticking in the ear, vomited, and became so weak in the hands that she could not carry a cup to her mouth (after five hours),[1].—**Loss of appetite; pale, suffering expression;* **every morning perspiration, which sometimes was very profuse**; *heaviness and weariness of the lower extremities, that frequently obliged her to lie down; nausea; chilliness every evening before going to sleep; sticking pains here and there, in the sides of the chest, in the abdomen, limbs, at times so violent that she started up in fright; pain beneath the sternum on inspiration; itching on the arms and lower extremities, with small pimples*,[9].—In the evening, after lying down (and slumbering), he began unconsciously to thrash about with the hands and feet and to jerk, with closed eyes and loud snoring (without screaming); froth oozed from the mouth, after which he lay motionless, as if dead, and when one attempted to rouse him, he was quite stiff, then opened his eyes, that were fixed, and began to mumble (an epileptic attack?), (after sixteen days),[1].—**Great coldness of the whole left side of the body*, followed by frequent slumbering and starting up, as if she would go away without knowing whither, *then she begins to lose consciousness, speaks unintelligibly, recognizes*

no one, and becomes so weak that she cannot turn over alone; after this violent convulsions, with staring look, distortion of the eyes, twitching of the lips, lolling of the tongue, stretching and distortion of the head and limbs, lasting a quarter of an hour, followed by frightful roaring, dropping of tears from the eyes, frothing at the mouth; after this warm perspiration over the whole body, free respiration, slumber, and after several hours gradual return of consciousness and speech (after forty-six hours),[1].—Indolence in the afternoon; walking was irksome (fourteenth day),[1].—***Sense of great debility**; **she wants always to be lying down**,[33].—**Disinclination for physical effort; feels stupid* (fourteenth day),[12].—[**1580.**] ***Great weariness** (seventh day),[15a].—***Great weakness** (after twenty-eight hours),[1]; (fourth day),[18].—**Obliged to keep the bed for five days on account of great weakness*,[8].—**Great wrakness, even to faintness, at night*,[1].—**Great weakness, in the morning on rising*,[1].—**Great weakness, in the morning after waking*,[1].—Constant weakness and sleepiness while walking in the open air, so that she was obliged to hurry to reach the house,[1].—**Very weak and tremulous after walking, in the evening*,[1].—So weak that he could not walk, though without pain (fourth day),[1].—So exhausted at noon, before dinner, that he was obliged to lie down,[1].—[**1590.**] So great uneasiness in all parts of the body that he cannot sit still nor continue to write,[1].—Uneasiness of the body and headache after sitting a long time,[1].—***Internal restlessness and excitement** (forty-second day),[15].—He woke after midnight with uneasiness, difficult breathing, and dryness of the skin (after nine days),[1].—***Sensitiveness to cold air**,[11].—***He took cold very easily**,[9].—On the approach of and during a storm he is violently affected; the powers are exhausted when walking; cannot proceed; is obliged to be led; becomes very weak and sleepy, with heaviness and heat of the body,[1].—***Takes cold easily and has a cough** (eleventh day),[1].—The whole body was stiff at night, as if asleep, with anxiety, so that she could not fall asleep,[1].—**Easy orgasm of blood and constant excitement*,[1].—[**1600.**] **Orgasm of blood at night; throbbing in all the vessels*,[1].—**Awoke with rapid pulse, palpitation, sensation of heat*, eructations, and pressure in the pit of the stomach, followed by vomiting of bitter mucus, with retching,[1].—Disagreeable sensation first in the genitals, afterwards extending over both sides of the trunk, like a cutting, to the shoulders, and thence into the arms, with tension in them; they seemed asleep; this occurred every quarter of an hour while at rest, especially while sitting and standing, not at night (after fourteen days),[1].—*Easily strained* by lifting, which causes stitches in the pit of the stomach and frequent vomiting at night; often, also, cutting in the lower abdomen, with accumulation of flatus,[1].—**Bruised pain over the whole body, as if he had lain in an uncomfortable position, at night*,[1].—***Bruised feeling over the whole body after coition** (after twenty-three days),[1].—**All the muscles are painful on motion*,[1].—**Neck, chest, and head, and indeed all parts of the body, are painful* (after twenty-four hours),[1].—**Painfulness of the whole body, in the morning; felt even during sleep, and then on waking* (especially in the right upper arm and left shoulder); better after rising,[1].—***The whole side of the body upon which he is lying is painful, as if ulcerating, with constant chilliness on the slightest uncovering, with intolerable thirst and frequent flushes of heat in the head** (after two days),[5].—[**1610.**] Acute pain here and there in the bones, especially in the morning on rising, before she begins to move,[7a].—**Sensation as if the whole body had been broken; she could not keep out of bed on account of weakness, for three days* (after three days),[8].—***The whole body is painful, as if beaten** (after forty-eight hours),[1].—Some painless shocks through

the whole body,[1].—She felt at times as if she was divided in half, and that the left side did not belong to her,[32].—Drawing pain in the ears, jaws, hands, and tibiæ,[1].—She felt as if knives were running into her,[34].—**Sticking pain in various parts of the left side of the body, especially in the chest, aggravated by deep inspiration* (third day),[15].—**She is unable to lie on the left side, on account of persistent stitches in it, for three days* (after three days),[8].—(Was able to sleep on the left side, which formerly he could never do), (fifth day),[27].—[**1620.**] ***Most of the symptoms of Silicea occur at the time of the new moon,**[1].—***Pain aggravated by motion,**[3].

Skin.—Objective. ***Small wounds in the skin heal with difficulty and easily suppurate,**[9].—**Cracking of the skin on the arms and hands* (seventeenth day),[1].—**A bursa on the back of the hand*, between the third and fourth metacarpal bones, with a sprained feeling on bending the hand, and a bruised pain on moving it (thirteenth day),[1].—A bursa between the second and third metacarpal bones (first day),[1].—***Eruptions, Dry.*** Eruption on the face and neck, consisting of small white scales, followed by fine desquamation, with some itching,[15b].—Eruption on the face,[1].—Eruption of red spots as large as peas on the chest, somewhat elevated, with some biting pain (ninth and tenth days),[19].—Red spots on the cheeks and red nose, with burning pain from a slight exertion, especially after eating,[1].—[**1630.**] White and red spots on the face,[32].—**A red, very sensitive smarting spot*, lasting two days, *on the right tibia*,[1].—White spots on the cheeks from time to time,[1].—Itching rash on the sternum,[1].—Red, itching tetter on the chin,[9].—**Elevated scabby spots on the coccyx, above the fissure of the nates*,[9].—Heat rash on the fingers, with crawling itching,[4].—Biting on the thighs; eruption of blotches, with red areola, with itching, worse in the evening, and still worse in bed (twenty-third day),[19].—Itching rash on the calves,[1].—Papular eruption on the forehead and across the nose,[1].—[**1640.**] A pimple on the eyebrow,[1].—Itching pimples on the left side of the nose, in the afternoon (fifth day),[8].—Papular eruption upon the nose,[1].—Two large pimples on the upper lip,[1].—A pimple only felt on the right corner of the mouth externally, with ulcerative pain (sixth day),[8].—Papular eruption on the chin,[1].—Papular eruption on the nape of the neck,[1].—**Itching pimples, like nettlerash, on the nape of the neck* (after nine days),[1].—Very painful pimples on the inner surface of the first joint of the middle finger, as if a ganglion were forming (after six days), disappearing after eight days,[28].—***Eruptions, Moist.*** Itching and small vesicles about the wings of the nose,[3].—[**1650.**] Vesicles, with red areola and without pain, beneath the nostrils,[4].—Red vesicles, with scabs, on the nose,[3].—Many hard vesicles of the size of a pea on the forearm, on a red base, with burning itching, lasting only one night (from the wrist to the elbow),[1].—**A small crack in the index finger begins to burn and pain; a lymphatic becomes inflamed, extending thence over the wrist and in the sore spot a corroding vesicle forms, with burning, pressing-stinging pains*,[1].—**Eruption on the lips, blisters on the margin of the upper lip, with fine sticking or smarting pain when touched*,[1].—**A corroding blister, with violent itching, on the first joint of the left index finger*,[1].—***Eruptions, Pustular.*** ***Variola like pustules on the forehead, occiput, sternum, and spine; they are extremely painful, and at last form suppurating ulcers,**[7].—Eruption, like varioloid, over the whole body, preceded, accompanied, and followed by violent itching,[1].—**A pustule on the back of the hand*,[1].—***Several boils come out on different parts of the body,**[35].—[**1660.**] **A large but slightly painful boil on the cheek near the nose* (after a few hours),[1].—**A boil on the chin*, **with**

stinging pain when touched,[1].—***A boil on the nape of the neck,**[1].—**Many boils, even very large ones, on the arms,*[1].—***Some boils on the posterior portions of the thighs,**[1].—**Boils on the calves,*[1].—***Frequent ulcers about the nails,**[1 7].—***A large corrosive ulcer, with violent itching on the heel,**[1].—**Scabs behind the ears,*[1].—***Sore, painful scabs below the septum of the nose, with sticking pain when touched,**[1].—[**1670.**] ***Itching, suppurating scabs upon the toes** *that had been frozen,*[1].—***Subjective.*** **Nightly pains in the ulcer on the leg,*[1].—Pressive pain in an ulcer on the leg,[1].—**An ulcer pains as if suppurating,*[1].—***Pressive-stinging pain in the ulcerating part of the leg,**[1].—Twitching in the skin of the scapulæ,[1].—***Sticking and burning in and about an ulcer on the leg,**[1].—Tearing in the skin on the posterior surface of the right upper arm, and the same time in the left calf (fourth day),[8].—***Sticking in an ulcer on the leg,**[1].—Stitches, like fleabites, here and there in the skin,[1].—[**1680.**] Smarting in the usual painless ulcers,[1].—Prickings and sense of tingling in different parts of the body,[29].—Sudden crawlings, as from fleas, in several parts of the body, that became fixed at different points, where there was most intolerable itching, all day, but especially on undressing in the evening,[9].—Itching and pricking of the skin of arms, face, and neck,[22].—**Itching and sticking in various parts of the body, especially at night,*[3].—Crawling itching over the whole body and head,[1].—Itching and biting over the whole body, for a quarter of an hour after lying down, not relieved by scratching (first day),[8].—Violent itching on the forehead, extending down the nose,[1].—**Itching of the outer ears,*[1].—Itching in the beard,[1].—[**1690.**] ***Voluptuous itching about the nose, that obliges constant rubbing, in the evening** (third day),[8].—**Itching of the nose,*[1].—***Burning itching about the mouth, without eruption** (after two days),[1].—Itching on the back, scapulæ, and thighs,[1].—**Itching on the back,*[1].—Violent itching beneath the skin of the left palm,[1].—Much itching on the left lower extremity,[1].—**Itching on the nates,*[1].—Itching on the inner sides of the thighs,[3].—**Itching on the legs,*[1].

Sleep.—Sleepiness. [**1700.**] Much yawning,[1].—Inclination to yawn, with violent eructations,[19a].—Sleepiness,[13]; (twenty-first day),[26].—Sleepiness, with frequent yawning (seventh day),[19a].—Sleepy and tired in the evening (tenth day); very sleepy in the evening (eleventh day); increased sleepiness (eleventh to thirteenth day),[27].—Very sleepy at 7 P.M.; she was obliged to lie down about 8 and slept very well (first day),[8].—Very sleepy from 2 to 5 P.M. (first day),[12].—Very sleepy from 1 to 9 P.M. (fifth day),[12].—***Very sleepy after eating,** and weak; is obliged to sleep,[1].—Great sleepiness during the day, he was obliged to sleep even before dinner,[1].—[**1710.**] ***Great sleepiness in the evening** (after twenty days),[1].—Great sleepiness very early in the evening,[1].—Great sleepiness,[21]; (fourteenth day),[12].—Great sleepiness all day,[19a].—Overpowering sleepiness in the forenoon (twenty-sixth day),[25].—Deep, long sleep in the afternoon, followed by weakness (after five days),[1].—(Sleep better than usual) (first night),[27].—Constant loud laughter in sleep after midnight,[1].—Talking frequently in sleep,[1].—Makes efforts to rise from bed during sleep,[1].—[**1720.**] Starting up in the midday sleep (twelfth day),[1].—Jerking upward of the body at night during sleep without dreams, for half an hour (after four days),[1].—She stands up while asleep, climbs over a chair, table, and piano, and then lies down in bed without knowing anything of it,[1].—Jerking and starting in sleep, with frequent rushes of blood to the head,[22].—***Sleeplessness.*** ***Restless sleep** (fifth and sixteenth days),[15]; (fifteenth day),[22]; (forty-seventh day),[23].—Frequently interrupted sleep at night (seventh day),[15].—Extremely restless

night on account of cutting pains in the abdomen that intermit for only a short time (after three days),[8].—The boy is restless at night and cries out,[1]. —**Restless sleep and frequent waking, with chilliness*,[1].—**Uneasy sleep, with frequent waking, and many dreams crowding one upon another*,[4].—[**1730.**] **Restless sleep without pain*,[1].—She slept uneasily, started up, and talked in sleep,[1].—Night restless, with anxious dreams (fourteenth day),[25].—**Woke at* 2 A.M. *and could not fall asleep again on account of rush of thoughts*,[4].—He woke very often and started up without dreaming,[1].—Frequent waking, with uneasiness and chilliness, though without dreams,[1].—Frequently woke, and after midnight could sleep no more,[1].—He woke about 11 P.M. after a sleep of an hour and a half, and then fell asleep again for several nights,[4]. —He woke often after midnight, and on falling asleep about 2 or 3 o'clock, he fell into a reverie,[1].—Anxious waking, about 3 A.M.,[1].—[**1740.**] Frequent waking at night, and scarcely had he fallen asleep again when he dreamed of his business,[4].—She woke at 2 A.M. and could not fall asleep again (after seven days),[8].—Woke earlier than usual in the morning (twenty-ninth day),[25].—The boy wakes at night with violent weeping, cannot collect his senses, cries anxiously, and mumbles,[1].—Frequent starting up at night,[1].—The whole body starts up with fright, and waking in the evening after falling asleep,[1].—**Starting from sleep at night, with trembling of the whole body*,[1].—**Frequent starting up in fright, with sleepiness in the afternoon*,[1].—Difficulty of falling asleep (fifteenth day),[12].—Unable to fall asleep before midnight (seventh day),[18x].—[**1750.**] Unable to fall asleep for an hour and a half on account of rush of ideas, two evenings (after seven days),[1].—Inability to sleep in the afternoon, the nose was so much stopped, could not breathe (twelfth day),[19].—Inability to sleep till towards morning (eighth day),[19].—**Extreme sleeplessness*,[34 29].—Complete loss of sleep for eight or ten days, even after she had no more pains (after two days),[8].—She lay wide awake all night; no sleep came to her eyes,[1].—She lay all night without sleep, only absorbed in wonderful fancies and reveries,[1].—Complete loss of sleep for eight to ten days,[1].—**Loss of sleep at night*,[1].—**Dreams.** **Much dreaming at night and crying out in sleep*,[1].—[**1760.**] **Restless dreams for several nights, even loud talking in sleep*,[28].—She dreams about murders, and horrid things of that sort,[32].—Dreams of earthquakes and frightful storms, of fire, etc. (tenth day),[16].—Dreams of a flood, with great anxiety,[13].—Frightful dreams during the first part of the night,[1].—***Frightful dreams** (twelfth day),[12].—Dream of a ghost that pursued him, after midnight (after thirteen days),[1].—Dream that he must die,[3].—Nightmare while half awake, with great anxiety, as if a smoky beast of a hundredweight were lying upon him, so that he could not stir nor utter a loud sound,[1].—A kind of somnambulistic dream; he saw very vividly far-distant regions which he had never really seen, and objects which he had desired to have (after eight days),[1].—[**1770.**] **Confused dreams at night, and frequent uneasy waking*,[1].—Confused dreams of everything that had happened, or that he had heard during the day,[1].—Numerous historical and amorous dreams at night,[1].—Dreams of robbers and murderers, during which he woke and said he would catch them,[1].—Disgusting offensive dreams,[4].—Dreams full of quarrels and humiliation (after four days),[1].—Dreams, and raves much during the night, stands up and walks about the room without knowing where he is for a long time,[1].—Dreams full of reveries; he gets out of bed like a somnambulist,[1].—**Dreams and reveries as soon as she falls asleep*,[1].—A half-waking dream, as if numerous ghosts were about him; he woke and could not move a limb, but lay in sweat, with great anxiety and pal-

pitation, followed by great fearfulness (after twelve days),[1].—[**1780.**] Dreams of the occurrences of his childhood,[4].—***Dreams of his youth,** *waking him from sleep, and so vivid that on waking he could, with difficulty, free himself from them,*[4].—* *Vivid dreams of past events,*[4].—Dreams of the occurrences of the day and of large dogs that followed him,[4].—Many dreams of distant journeys,[3].—In a dream he seems to have an epileptic attack, and his head is drawn to one side (after thirteen days),[1].—Dreams full of cruelty, without anger,[1].—Vexatious dreams,[1].—**Frightful fancies immediately after falling asleep; sleep full of fright, and crying aloud,*[1].—**Bad dreams, with violent weeping,*[1 3].—[**1790.**] A dream of being murdered, from which he woke, with great anxiety, as if he would suffocate, without being able to speak (after fifteen days),[1].—Disconnected dreams at night (second night),[2].—Her head seemed excessively large during the nightly fantasies,[1].—Dream of being seized by a finger, so that he woke in fright,[1]. —Anxious dream of being pursued,[1].—Anxious dreams of snakes (after five days),[1].—Anxious dream that he had committed a murder and was apprehended,[1].—**Anxious dreams of one choking her;* she could not cry out, could only kick with the feet,[1].—Anxious dream of drowning,[1].—Anxious dream of robbers, with whom he fought; he woke in heat, anxious oppression, and sweat,[1].—[**1800.**] Amorous dreams of marriage,[1].—Lascivious dreams, with great sexual desire (after thirteen days),[1].—**Lascivious dreams, with emissions* (second night),[1].—Lascivious dreams (fifth night),[1].—Lascivious dreams in the evening and in the morning, in bed, with erections,[4].—Lascivious dreams of being disturbed during coition, waking with erection and sexual fancy (after six hours),[1]—Lascivious dreams, very offensive to her,[1]. —He dreams less than usual,[4].

Fever.—Chilliness. Violent chill, especially in the shoulders, in the evening,[3].—***Very chilly all day,**[1].—[**1810.**] Very chilly in a hot room, without thirst, all the forenoon (third day),[8].—Chilliness after eating (twenty-fourth day),[1].—Constant chilliness in the evening, even noticed externally,[3].—Constant internal chilliness, with loss of appetite,[1].—Constant chilliness, with occasional slight feverishness,[29].—**Constant internal chilliness* from taking cold at night, with loss of appetite and sticking-burning headache,[1].—***Chilliness on every movement** *all day; in the morning great weariness, even to falling asleep,*[1].—* *Chilly at night while half awake,* without waking,[1].—Febrile chill, lasting till 8.30 P.M. (nineteenth day),[12].—Febrile chill,[13].—[**1820.**] General feverish condition; chilliness in the evening (ninth day); during the day (tenth day); in the evening (eleventh day),[27]. —* *Violent incessant internal chilliness for several days,*[1].—Chilliness, with sleepiness, after eating (thirteenth day),[14].—***Chilliness in the evening** (ninth day); all day (tenth day),[27].—General feeling of chilliness,[38].—Chilliness, with sticking pain,[1].—***Distressing sensation of chilliness in the afternoon,** *especially on the arms,* **in a warm room,**[1].—* *Chilliness, even while walking in a warm room, and in the open air so violent that he trembled* (after thirty-two hours),[1].—***He feels very chilly, even in a warm room,**[29].— ***Cramplike chill, in the evening in bed, so that he shivered** (fourteenth day),[1].—[**1830.**] **She did not dare to put her hand out of bed on account of consequent chilliness, at night and next day* (after three days),[8].—Alternations of chill and heat frequently during the day,[1].—At one time very chilly, again exceedingly hot,[32].—**Shaking chill, at* 5 P.M., after some bread and beer (seventh day),[18a].—**Shaking chill; was obliged to lie down and could not get warm for a long time in bed, at* 6 P.M. (third day),[8].—***Icy-cold shivering frequently creeps over the whole body,**[1].—Shivering for half an hour

frequently during the day, followed by some heat, mostly in the head and face,[1].—Shivering all over; a cold, starved feel; if he sat ever so near the fire he could not get warm,[42].—Icy-cold feeling of the entire body, as though exposed to a cold climate suddenly,[33].—Coldness, with ravenous hunger, at night (fifteenth day),[27].—[**1840.**] Strange coldness, about the breadth of two fingers, across the vertex, in a line with the forepart of both ears,[32].—The nose became as cold as ice,[32].—Chilliness all down the back,[32].—Chilliness in the back,[1].—Chilliness at first going down the back, with icy-cold hands, followed by violent heat, with tension of the abdomen,[1].—Shiverings in one shoulder (thirteenth day),[25].—Coldness of the knees and arms after walking in the open air; the finger-nails become white,[1].—***** *The legs, as far as the knees and the feet, are icy cold in the evening, and he is obliged to lie in bed half an hour before they get warm, many days in succession,*[1].—***Coldness of the legs, as far as the knees, in a warm room,**[1].—***** *Icy-cold feet during the day; but at night in bed burning heat of the feet and hands, with drawing pain in the feet as far as the knees,*[1].—[**1850.**] ***Icy-cold feet in the evening, even in bed,**[4].—***Icy-cold feet during the menses,**[1].—***Icy-coldness of the feet,**[40].—***** *Cold feet all day,*[4].—***Cold feet in the evening in bed, preventing sleep,**[1].—Cold feet, that become warm at night, every day,[1].—The feet are cold when beginning to walk,[1].—***Heat.*** Fever, with great chilliness, at 11 A.M. (fifteenth day),[12].—Fever lasting till 7.30 P.M., after which all the limbs seem paralyzed (twentieth day),[12].—***Fever, with violent heat in the head,** dark redness of the face, and thirst, four days in succession, from noon till evening; headache began half an hour before the heat,[1].—[**1860.**] The intermittent fever of Silicea has little sweat, usually occurring from 10 A.M. to 8 P.M., or from midnight to 8 A.M.,[7].—Fever in the evening after lying down, violent chill, so that she could not get warm in bed, and therefrom pain in the stomach (after sixteen hours),[1].—***** *Febrile attack in the evening;* heat all over without subsequent perspiration,[1].—Febrile paroxysms in the afternoon, consisting only of heat and frightful thirst, with very short breath,[7].—***Febrile heat all night, with violent thirst and catching respiration,**[7]—Burning heat in the whole body, in a child, during the fever, with red, puffy face, glands hard, like peas, about the throat and down the shoulders, with distension of the abdomen and constant diarrhœa,[7].—Dry heat and thirst for several evenings, followed by pain in the abdomen and head,[1].—Heat without thirst (twenty-second day),[1].—Frequent transient flushes of heat during the day,[1].—A not unpleasant warmth through the whole body for two days,[1].—[**1870.**] Much heat,[3].—Heat in the head, as if flames of fire were coming out of the mouth, in the evening (twenty-sixth day),[26].—Heat of the head, with anxiety,[1].—***Heat of the head,**[1]; (fifth and sixth days),[18].—Heat in the face and lobules of the ears many evenings,[1].—***** *Frequent flushes of heat in the face and whole body, followed by perspiration, even during rest; then on the slightest movement she is covered with perspiration,*[1].—Great heat and redness of the face, with very cold hands and feet,[1].—Great heat in the face after eating,[1].—Heat and burning in the face after washing with cold water, for two hours,[1].—Heat of the cheeks and palms of the hands, in the morning,[1].—[**1880.**] Heat in the lobules of the ears, and on the head (after eight days),[1].—***Sweat.*** Heavy sweats,[33].—Sweat over the whole body (sixth day),[18].—***General sweat at night** (sixth night),[27].—***** *Profuse trickling sweat at night, especially on the loins,*[4].—***Profuse perspiration every night, towards morning,**[1].—***Profuse general nightsweat,**[4].—***Profuse perspiration every night, with loss of appetite and prostration, as if he would go into a de-**

cline,[1].—***General perspiration, at night in bed,**[4].—***Nightsweat,** *especially on the trunk,*[4].—[**1890.**] ***Perspiration over the whole body, every night in bed** (first nights),[1].—Heavy perspirations night and day,[36].—**Sweat in the morning,*[1].—Perspiration while eating and talking,[1].—***Perspiration of a strong odor,**[1].—***Sweat on the head** (seventh day),[18].—***Sweat only on the head, running down the face,**[7].—Nightly perspiration on the chest,[1].—Sweat first appeared on both sides of the spine, he then became warm over the whole upper part of the body, afterwards sweat broke out on the face, especially on the forehead (seventh day),[18a].—**Sweat on the scrotum, in the evening,*[1].—[**1900.**] **Sweat on the scrotum; it itches all over,*[1].—**Profuse sweat on the hands,*[1].—***Offensive perspiration on the soles and between the toes; they become quite sore while walking,**[1].—***Offensive perspiration on the feet,**[1].

Conditions.—**Aggravation.**—(*Morning*), Weeping; forgetful and dizzy; on rising, vertigo; vertigo; dizziness and whirling; on rising from bed, reeling; pressive headache; after rising, headache in forehead; sticking and throbbing in forehead; pressure in occiput and nape of neck; eyes painful; agglutination of the eyes; biting in the canthi; on waking, dry catarrh; toothache; bad odor from the mouth; bitter taste; taste of blood; bad taste; ravenous hunger; sour, bitter eructations; nausea and qualmishness; twisting, etc.. in pit of stomach; pressure in abdomen; hoarseness; after washing, cough; cough; dyspnœa; pressure in abdomen; hoarseness; pressure upon scapula; swelling of the feet; on rising, pains in the bones.—(*Forenoon*), Distraction of mind; 10 A.M. to 8 P.M., fever.—(*Afternoon*), 3 to 9 P.M., headache; tearing and sticking in head; throbbing frontal headache; griping colic; fever.—(*Evening*), While sitting and standing, vertigo; jerking through head; headache in forehead; acid eructations; itching in rectum; after lying down, cough; in bed, biting in legs and arms; chilliness; cold feet.—(*Night*), Rush of blood to the head; headache; pressive headache; agglutination of the eyes; toothache; roughness and scraping in throat; pains in lower abdomen; pain in testicles; cough; drawing between scapula; sweat.—(*Cold air*), Stitches in teeth.—(*Deep breathing*), Stitches in chest; pain beneath left ribs; sticking pains.—(*Eating*), Toothache.—(*After eating*), Difficult hearing; pain in abdomen; pressure in abdomen; cough; oppression of chest.—(*Lying on left side*), Vertigo.—(*During menses*), Anxiety in pit of stomach; cold feet.—(*At new moon*), Most symptoms.—(*Motion*), Tearing headache in forehead; pain in sinciput; pain in temples; pain in left side of head; pain across hypochondria; stiffness of left arm; pain.—(*Pressure*), Pain in left side of head.—(*Reflection*), Vertigo.—(*Rest*), Vertigo; pressure upon scapulæ.—(*On rising*), Vertigo.—(*Sitting*), Vertigo; headache in forehead; stiffness of back; tearing in knees; tearing pain in legs.—(*Standing*), Palpitation; pain in feet.—(*Stooping*), Vertigo; headache in forehead; pain in temples; nosebleed; pain in small of back; pain in left hip.—(*Storm*), Exhaustion.—(*Swallowing*), Crackling in ear.—(*Talking*), Headache in forehead.—(*Turning suddenly*), Headache in forehead.—(*While urinating*), Cutting, burning, and smarting in urethra.—(*On waking*), Anxiety.—(*Walking*), Vertigo; pinching in the head; headache in forehead; sticking pain in left side of abdomen; stitches in rectum; oppression of chest; pain in feet; tearing in feet.—(*Walking in open air*), Nausea; pressure in stomach; griping in abdomen; heaviness of extremities.—(*Warmth*), Pain in legs.

Amelioration.—(*Binding head tightly*), Tearing pain in head.—(*Motion*), Tearing in knees.—(*Riding in open air*), Vertigo.

SINAPIS ALBA.

Brassica alba, Boiss. (Sinapis alba, L.)
Natural order, Cruciferæ.
Common names, White mustard, Senf-kohl.
Preparation, Trituration of the seeds.
Authority. Dr. Bojanus, Viertl. Jahrschrift f. Hom., 15, 56, took 5 grains, triturated in a mortar, twice first day; 10 grains, three times second, third, and fourth days; 10 grains morning, 15 grains P.M., 20 grains evening, fifth day; 20 grains morning, 30 grains P.M. and evening, sixth day; 30 grains three times, seventh, eighth, and ninth days; 30 drops tincture, twice twelfth day; 30 drops, three times thirteenth day; 40 drops, four times fourteenth to nineteenth days; 50 drops, four times twentieth day; 50 drops twice, and 80 drops evening twenty-first day; 50 drops once twenty-second and twenty-third days.

Mind.—Distracted in mind, while reading, must make great effort to prevent his thoughts from wandering, and is even obliged to read a sentence several times before he can understand it (fifth day).

Head.—Dulness of the head, as in commencing intoxication, with obscuration of vision, especially on walking; the forehead above the eyes is principally affected (fourth day).—Dulness in the head, changing into vertigo, on slowly turning the head to either side (fifth day).—Sensation in the head as if it were hollow, and as if all objects about him disappeared, very sudden and transient (sixth day).—Heaviness in the head, in the morning (eighth day).—Rush of blood to the head (eighth day).—Headache better in the open air, worse in a warm room (eighth day).—Pain in the forehead and pressure, worse on moving and stooping, in the morning (eighth day).—Dulness of the head, in the morning on rising (ninth day).—[**10.**] Heaviness in the forehead as from intoxication or too great warmth of the room, in the morning (ninth day).—Heaviness and dulness in the head (thirteenth day).—Heaviness and dulness of the head after a meal (fifteenth day).—Pressive pain in the right frontal eminence, aggravated by moving the head back and forth (fifteenth day).—Sticking-jerking pains in the head, extending from within outward, toward evening (fifteenth day).—Headache relieved after walking in the open air (sixteenth day).—Heaviness of the head while reading in bed, in the evening before falling asleep (twentieth day).—Pain in the left frontal eminence, paroxysmal, pressive, in the evening (twentieth day).

Eye.—Sudden sensation of warmth with stitches in the left eye compelling winking; the eye fills with tears, after which the sensation disappears (first day).

Mouth.—Root of the tongue thickly coated yellow, on rising in the morning (seventh day).—[**20.**] Tongue coated yellow, especially at the root (eighth day).—The thick coating, which had been confined to the posterior portion of the tongue, now extended along the sides, and was especially thick on the left side (eleventh day).—Profuse accumulation of water in the mouth, with copious secretion of frothy salt saliva (second day).—Profuse secretion of saliva, so rapid that he could not sufficiently spit it out (second day).—Accumulation of water in the mouth with nau-

sea; the nausea was better during rest and worse when walking about (second day).—Watery saliva, that actually runs out of the mouth (second day).—Excessive accumulation of water in the mouth (after a quarter of an hour, fourth day).—Increased secretion of saliva, with much spitting and nausea (fifth day).—Profuse secretion of saliva and mucus, obliging frequent spitting (fifth day).

Throat.—Scraping feeling in the fauces, provoking frequent hawking (first day).—[**30.**] Sensation as if a large morsel of food had been swallowed (second day).—Pressure in the pharynx and stomach (second day).—Disagreeable burning in the pharynx, extending through the œsophagus to the stomach (second day).—Burning in the pharynx (second day).—Burning in the œsophagus rising up from the stomach like heartburn (third day).—Burning and pressure in the œsophagus (fourth day).—Pressure in the œsophagus, with heartburn (seventh day).—Burning and pressure in the œsophagus and stomach (twelfth day).—Pressure and burning in the pharynx and stomach (immediately, thirteenth day).—Sensation as if a hard body were lying in the œsophagus, back of the manubrium of the sternum, with burning like heartburn in a small place and many eructations of gas, in the morning on rising (eighteenth day).—[**40.**] Burning in the œsophagus, with accumulation of water in the mouth, compelling much spitting, worse after a meal (eighteenth day).—Sensation as though a hard body were lying high up in the œsophagus, especially noticed on swallowing hard food, and also on empty swallowing; in the afternoon this sensation became very distressing, when it seemed as though a plug were sticking in the pharynx, and the pharynx were too narrow (this sensation appeared after the crawling and biting in the anus had disappeared and seemed to alternate with it), (twentieth day).—During the day the sensation of a plug in the pharynx gradually increased, became worse towards evening; after it had disappeared a crawling biting and burning in the anus, which had not been felt the whole day, reappeared (twenty-first day).—Burning in the pharynx and œsophagus, with a sensation of constriction on swallowing hard food (twenty-third day).—The symptoms in the pharynx always seemed to occur in the morning, those in the rectum in the evening.

Stomach.—Thirst. Thirst with heartburn (fourth day).—Thirst without heartburn, towards evening; after drinking water a sensation of heaviness and fulness in the abdomen, just as after eating (sixth day).—***Eructations.*** Frequent odorless and tasteless eructations (first day).—Frequent empty eructations affording relief (second day).—Uprisings of a sour acrid liquid from the stomach, with a griping scratching sensation in the pharynx, in the evening (second day).—[**50.**] Frequent eructations of air aggravating the heartburn; it seemed as though the acids eructated were unusually hot (third day).—Eructations tasting of food (fourth day).—Many and copious eructations of gas (fourth day).—Eructations, of the odor and taste of the food after a meal (fifth day).—Many eructations, tasting and smelling of the food (sixth day).—Eructations tasting and smelling of the drug many hours after eating (sixth day).—Extremely distressing eructations of the drug (eighth day).—***Heartburn.*** Heartburn with eructations (third day).—Violent heartburn (fifth day).—***Nausea and Vomiting.*** Nausea and inclination to vomit (second day).—[**60.**] Frequent ineffectual efforts to vomit (second day).—Nausea and secretion of saliva (after a quarter of an hour, third day).—Extremely distressing qualmishness in the pit of the stomach, like an anxiety (third

day).—The sensation of qualmishness in the pit of the stomach was worse while lying down, but the salivation and nausea were better; while walking the reverse was true (third day).—Qualmishness in the pit of the stomach and some nausea (third day).—Nausea and burning in the pharynx and stomach (fifth day).—Efforts to vomit without nausea (fourth day).—Very great nausea, with anxiety in the pit of the stomach (sixth day).—Repeated empty retching (sixth day).—Nausea, more easily borne while at rest, sitting, or lying, than while walking (sixth day).—[**70.**] Nausea, with salivation and retching (soon), (seventh day).—Qualmishness in the stomach (soon), (seventeenth day).—Qualmishness in the pit of the stomach (soon), (twenty-second day).—Qualmishness with nausea (twenty-third day).—Retching and vomiting of water, with violent retching and burning in the stomach and abdomen, extending to both sides under the false ribs, and even up under the whole chest, with inexpressible discomfort and anxiety in the pit of the stomach (fourth day).—The ejecta by vomiting consisted of flakes of mucus with blackish veins like clots of blood; this ejecta was yellow, odorless, and tasteless, contained much tenacious and gelatinous mucus; the vomiting was followed by scraping in the throat and burning rising up from the stomach (fourth day).—***Stomach.*** Burning pressive sensation in the cardiac orifice of thé stomach (first day).—Burning in the stomach and nausea, with accumulation of water in the mouth and sour taste (immediately after a dose, second day).—Burning pressure, heaviness, and qualmishness in the epigastric region, with accumulation of water in the mouth (second day).—Burning pressure in the stomach just beneath the ensiform cartilage (second day).—[**80.**] Pressure and burning in the pit of the stomach, for an hour (second day).—Intermittent pains in the stomach and pit of the stomach (second day).—Burning and pressure in the pit of the stomach, with heartburn (third day).—Anxious feeling in the pit of the stomach (fourth day).—Burning in the stomach and pharynx (fourth day).—Burning in the stomach and pharynx, with accumulation of water in the mouth (fourth day).—Fulness and pressure in the stomach and abdomen after the midday meal (fourth day).—Very acute bruised pain, even on slight pressure, in the pit of the stomach, just beneath the ensiform cartilage; pressure on it took away the breath (fourth day).—Fulness in the pit of the stomach, soon after a moderate meal (fifth day).—Sensation of fulness and distension in the abdomen, that feels tense (fifth day).—[**90.**] Very violent burning in the pit of the stomach (fifth day).—Heaviness and distension in the pit of the stomach, and sensitiveness of the abdomen to touch, immediately after breakfast (sixth day).—Distressing burning and pressure in the pit of the stomach (sixth day).—Burning in the stomach and pharynx (sixth day).—Bruised feeling in the pit of the stomach and abdomen, also when touched (sixth day).—Burning and pressure in the stomach and pharynx (seventh day).—Pressure and burning in the stomach and pharynx (immediately), (eighth day).—Painful burning in the stomach, with sensitiveness to pressure, accompanied by pressure and burning in the œsophagus, in the evening (eighteenth day).—Pit of the stomach painful to pressure (twenty-second day).

Abdomen.—Rumbling and gurgling in the abdomen (third day).—[**100.**] Fulness and tension in the abdomen (second day).—Pressure and heaviness in the abdomen and stomach, aggravated by touch and pressure, as if something hard were lying in the stomach, extending to both sides under the false ribs, after a moderate meal (second day).—Rumbling in the abdomen, with emission of odorless flatus (third day).—Griping in the

abdomen, especially in the right side, soon followed by a normal stool (third day).—Rumbling and gurgling in the abdomen, followed by emission of flatus (fourth day).—Abdomen and pit of stomach sensitive to external pressure (fourth day).—Sensation of fulness in the abdomen with griping, especially about the umbilicus, with emission of flatus (fourth day). —Fulness, with distension in the abdomen, after a light meal (fourth day). —Heaviness and distension in the abdomen, with painfulness on breathing and on touch, after a light breakfast (fourth day).—Heaviness and pressure in the whole abdomen and pit of the stomach (fourth day).—[**110.**] Frequent loud emissions of flatus (fifth day).—Fulness and distension in the abdomen, which is sensitive to touch, after a light breakfast (fifth day).—Movements in the abdomen, with some griping, as before a stool (fifth day).—Griping and movements as for a stool, in the evening, emission of only flatus (fifth day).—Emission of offensive flatus (sixth day).—Rumbling in the abdomen during a meal (sixth day).—Sensation of heaviness in the abdomen after eating a little; it is so tense that the clothes must be loosened (sixth day).—Griping colic, soon followed by copious dirty-brown, pasty stool, then transient burning in the anus (sixth day).—Emission of much offensive flatus (seventh day).—Whole abdomen distended and painful, as if beaten, immediately after breakfast (seventh day).—[**120.**] Rumbling in the abdomen and sensation of heaviness (seventh day).—Distension of the abdomen, especially after eating (ninth day). —Abdomen painful to touch (ninth day).—Griping in the bowels with emission of flatus (ninth day).—Distressing heaviness as of a stone in the abdomen (eleventh day).—Whole abdomen very sensitive to touch, especially the epigastric region, which pained as if beaten (eleventh day).—Emission of offensive flatus (thirteenth day).—Rumbling and gurgling in the abdomen, with emission of much odorless flatus (eleventh day).—Rumbling and gurgling as from liquid in the abdomen (thirteenth day).—Emission of much flatus (sixteenth day).—[**130.**] Frequent emission of flatus (sixteenth day).—Rumbling in the abdomen (sixteenth day).—Distension and sensitiveness in the abdomen and pit of the stomach, so that the clothes had to be loosened, after a very light meal (sixteenth day).—Griping and gurgling in the abdomen with qualmishness, in the pit of the stomach (sixteenth day).—Loud emission of odorless flatus (twenty-second day).—Cutting colic, followed by emission of odorless flatus (twenty-second day).—Movements in the abdomen with qualmishness (twenty-third day). —Heaviness as of a weight in the abdomen (twenty-third day).—Heaviness and fulness in the abdomen (twenty-third day).—Distressing heaviness, fulness, and distension in the whole abdomen, with qualmishness in the pit of the stomach, after a moderate meal (twenty-third day).—[**140.**] Burning bruised pain in a small spot to the left of the navel (twenty-fourth day).

Rectum and Anus.—Sensation as though a hard substance were lying in the rectum and could not be evacuated (nineteenth day).—Burning in the anus, obliging to scratch (fourth day).—A violent stitch in the anus so that he almost cried out, while sitting (fourth day).—Sudden stitch through the anus (sixth day).—Burning and itching in the anus (sixth day).—Transient burning iu the anus after a stool (sixth day).—Violent itching and burning in the anus, in the evening in bed (eighth day).—Immediately after a stool a sensation in the anus like that in a limb that has been sprained, with a sensation as though the anus were drawn up into the rectum; with sticking, itching, burning, and biting in the anus, pro-

voking scratching, lasting till noon (thirteenth day).—Sensation as if something hard were lying just by the anus, soon followed by a stool, which, however, was evacuated only with great pressure and was unsatisfactory; the first part was hard, crumbly, dark-brownish green, covered with mucus, and containing thread-worms, followed by the same sensation as before the stool (fourteenth day).—[**150.**] Itching and crawling in the anus (sixteenth day).—Itching in the anus before the stool, and afterwards prickling and burning (sixteenth day).—Itching and crawling in the anus (caused by thread-worms), beginning at 3 P.M., and increasing till about 10 P.M., when it amounted to a distressing burning and a sensation of contraction in the bowels and drawing up of the anus (examination showed a large number of thread-worms in and about the anus) (seventeenth day).—Itching and biting in the anus, coming on in the evening, not at all noticed in the morning (eighteenth day).—Crawling and biting in the anus, which had not existed all day; commenced in the evening and lasted uninterruptedly until going to bed (nineteenth day).—Burning in the anus after a stool (eighteenth day).—Sensation as if the anus were drawn up into the bowel (nineteenth day).—Itching crawling in the anus, in the morning on rising (twentieth day).—Crawling and burning in the anus, with griping in the abdomen, followed by emission of flatus and relief (twenty-fourth day).—Spasmodic constriction in the anus, as if affected by a spasm; this sensation appeared at intervals and was especially noticed after swallowing anything hard, and was aggravated by continued pressure at stool, in the evening (twentieth day).—[**160.**] Desire for stool, lasting a long time, soon after eating, followed by a small, very unsatisfactory stool; but soon afterwards another stool, soft and pasty, formed, of a dirty-brown color, followed by burning and biting in the anus, rumbling in the abdomen, griping and emission of flatus (sixth day).—Urging to stool, with a feeling as if hard fæces were lying close to the orifice of the anus, could not be evacuated, and caused a sticking in the anus; after long ineffectual urging a little mucus and some live thread-worms were passed (thirteenth day).

Stool.—A small, blackish, hard stool covered with mucus, followed by prickling burning in the anus (third day).—A very small, hard, crumbly, blackish-green stool, in the evening (fourth day).—A dark-green stool, not copious (fourth day).—A dark-brown greenish stool, the first half of which was normal, the rest pasty (fifth day).—Stool small, thin, soft, and dark brown and greenish-colored, with mucus, and containing some dead thread-worms (fifth day).—Copious pasty stool, with burning in the anus; stool dark brown, containing undigested food, mucus, and several large thread-worms (sixth day).—Stool brownish, pasty, containing undigested food eaten the previous day (seventh day).—Copious pasty stool, of a grayish-yellow color (eighth day).—[**170.**] Copious brown stool, followed by burning and biting in the anus (ninth day).—Stool containing undigested food of the previous day (ninth day).—Stool very copious, partly hard, partly soft, preceded by great urging with griping; the first part dark brown, the last dark yellow, pasty, of a sour odor; the whole evacuation, especially the soft part, seemed thickly covered with dark-red blood, containing many mustard seeds and undigested food; evacuation preceded and accompanied by sticking and biting in the anus, lasting a long time, the cause of which was discovered to be a thread-worm; after the stool rumbling and gurgling in the abdomen (tenth day).—Thin pasty stool, of a sour odor, as if fermenting, of a dirty greenish-brown color, containing numerous thread-worms, with streaks of blood, not dark red, as yesterday, but blackish red

and clotted (eleventh day).—Small hard stool without blood, in the evening; the evacuation unsatisfactory, of a dark yellowish-gray color, with much pressure (eleventh day).—Copious pasty stool; the evacuation partly hard, partly soft, sour, fermented, with numerous thread-worms, accompanied by heat and burning in the anus, and with griping and gurgling in the abdomen, followed by burning and smarting in the anus (twelfth day). —Stool pasty, copious, dark yellowish-green, in the morning (fourteenth day).—Stool yellowish-green, covered with mucus, containing thread-worms and streaks of blood (sixteenth day).—Very small, crumbly evacuation of the bowels, covered with mucus, containing thread-worms, followed by burning biting in the anus, which was very distressing (seventeenth day). —Small, hard, crumbly stool with thread-worms, followed by burning and biting in the anus, and a sensation as if the orifice of the anus were drawn up into the bowel and a hard piece of fæces were still remaining in the anus, in the evening (eighteenth day).—[**180.**] Small, hard, crumbly stool evacuated with great pressure, at 6 and 11 P.M. (nineteenth day).—After great pressure a small crumbly stool, accompanied by mucus and thread-worms, followed by crawling and burning in the anus, and again a sensation as of a hard body rising up into the rectum, in the evening (twenty-first day).—Copious pasty stool (twenty-first day).—Yellowish-gray stool, with mucus and thread-worms (twenty-second day).—Small, hard, crumbly, almost black stool preceded by griping, followed by itching and burning in the anus; during the stool there was much dragging and pressure in the rectum (twenty-second day).—A pasty yellowish-gray stool with thread-worms and white tenacious thready mucus, accompanied by burning in the anus, preceded by rumbling in the bowels and biting in the anus (twenty-fourth day).—Thin, pasty, grayish-brown evacuation, containing thread-worms, sour as if fermented, with great burning in the anus during and after the stool (twenty-fifth day); no stool (twenty-sixth day); copious pasty, brown stool, followed by burning in the anus, in the morning; in the evening a pasty, fermented, sour, small, dark-brown stool, preceded by burning and crawling in the anus, constant violent colic with great desire for stool, followed by a prickling and biting in the anus (twenty-seventh day); the evacuation of thread-worms continued for some weeks after the proving.†—The stool seemed to be soft and easy to evacuate, in the morning, but the reverse in the evening.

Urinary Organs.—Urine dark yellow, soon forming a transparent flocculent cloud, that hangs near the surface, and only falls to the bottom after thirty-six hours (third day).—Urine bright golden yellow, forming a cloud (fourth day).—[**190.**] Urine dark-colored (fifth day).—The urine has a cloud of mucus, and contains numerous small granules looking like frog-spawn; on the surface of the urine, at the bottom and on the sides of the glass, there were a number of small red granules (sixth day).—A cloud forms in the urine, does not sink but remains in the middle of the liquid, but has a membranous look; there is a thick fatty pellicle on the surface of the urine (ninth day).—Urine dark yellow, almost brown, becoming turbid, without depositing a cloud (fifteenth day).—Urine turbid and cloudy, depositing a white flocculent sediment, and having a glistening shimmering film on the surface (fifteenth and sixteenth days).—Urine dark-

† This prover (the same who proved Spirea ulmaria) suffered from eleven to thirteen years of age from thread-worms, but had had none since until the present proving.

brown, like beer, with numerous red grains on the surface, falling to the bottom when shaken (nineteenth day).—Many grains of red sand in the urine, with an iridescent film on the surface (twenty-third day).—The urine soon became turbid, depositing a white sediment, and having upon the surface a pellicle, which, when rubbed between the fingers, seemed to contain grains of sand; the sediment was as white as chalk, and contained many grains of white sand (twenty-fourth day).

Sexual Organs.—Emission, without lascivious dreams (twentieth day).

Chest.—Oppression of the chest, compelling frequent deep respiration (twenty-fourth day).—[**200.**] Burning beneath the sternum (soon), (seventeenth day).

Pulse.—Pulse full and hard (eighth day).

Back.—Pain in the small of the back and coccyx, as if sprained and bruised, while urging to stool (thirteenth day).

Extremities.—Heaviness in the lower extremities (eighth day).

Sleep.—Sleep, in the afternoon, with many vivid dreams (fourth day). —Sleepiness, in the afternoon, with many dreams (fifth day).—Sleepiness after eating, followed by sleep, with anxious dreams of journeys and of dangers, falling from a height, all of which was indistinctly remembered on waking (sixth day).—Vivid dreams of dead people and devils (fourth night).—Dreams at night of foreign countries and of dangerous expeditions (sixth night).—Many confused and unremembered dreams (twentieth day).

Fever.—[**210.**] Creeping chills on moving about (fourth day).—Creeping chills over the whole body after vomiting, with coldness of the hands and feet, and frequent eructations of gas (fourth day).—Inclined to perspire (eighth day).

Conditions. — **Aggravation.** — (*Morning*), Pharynx symptoms. — (*Evening*), Rectum symptoms.—(*Moving*), Pain in forehead.—(*Moving head back and forth*), Pain in right frontal eminence.—(*Pressure*), Pressure and heaviness in abdomen.—(*Continued pressure at stool*), Constriction in anus.—(*Stooping*), Pain in forehead.—(*Touch*), Pressure and heaviness in abdomen.—(*Walking*), Dulness of head; nausea.—(*In a warm room*), Headache.

Amelioration.—(*Open air*), Headache.—(*During rest*), Nausea.

SINAPIS NIGRA.

Brassica nigra, Boiss. (Sinapis nigra, Linn.)

Natural order, Cruciferæ.

Common name, Black mustard.

Preparation, Triturations.

Authorities. (Nos. 1 to 10 provings by Dr. Clarence W. Butler, N. Am. J. of Hom., 1872, p. 541.) **1**, C. S. F., took 15th dil. twice a day for three days without effect, then 2d dil. twice a day for about ten days; **2**, A. C., took 15th dil. twice a day for a week; **3**, J. B. T., doses not mentioned; **4**, H. C. C., 1st dec. dil., two doses; **5**, G. S. H., took repeated doses for nine days (prover suffering from naso-pharyngeal catarrh); **5** *a*, same, took 1st dec. dil., repeated doses, for a week; **6**, G. T. H., repeated doses for three days; **6** *a*, same, took 10 drops of the ⅓d dil.; **7**, A. H. H., doses not mentioned; **8**, G. W. R.. took 1st dec. dil., repeated doses, for three days;

9, Miss J. S. S., took 30th dil. three times a day for three days; **10**, D. M. B., took 12th dil. twice a day for five days, then the 1st dil. sixth day; **10** *a*, same, a month later, took the ½d several times a day; **10** *b*, same, repeated proving; **11**, Arneville, Lancet, 1850, 1, 33, fatal effects of mustard applied to swollen glands on neck; **12**, Cattell, Br. J. of Hom., 11, 524, symptoms; **13**, action of mustard baths, from Trousseau (Butler).

Mind.—Irritable disposition; don't wish to be spoken to; unfitness for mental exertion; difficult to think or study,[7].—Disposition cross and dissatisfied; provoked at least unpleasant thing, or wholly without cause; answers short and snappish; I realize how unreasonably cross I am, but unless I am constantly on my guard, I am as cross as ever,[10a].—Mind worked rapidly at night; could study easier, perception clearer; during day about as usual,[10a].

Head.—Vertigo (first and second days),[4].—Giddiness (first and second days),[4].—Dull, heavy headache all morning in forehead and temples, relieved by shutting eyes; disappeared on eating a hearty meal about 2 o'clock (eighth day),[10b].—Dull feeling in the head, in the forenoon (second day),[10b].—During the day dull, heavy headache, which was forgotten when busy or when at study, but immediately returned when stopping; was somewhat better in open air (second day). Head as yesterday till 11 A.M., when it was replaced by burning prickling in face, with full, moderate pulse and dull feeling on top of head, as if empty, this lasting all day, with marked clearness of perception (third day). One of the most marked symptoms, while the medicine was continued, was the headache, which was dull and heavy,[1].—A dull feeling in the head was never entirely absent, though much relieved by lying down and in the open air; it was forgotten when the mind was occupied, never interfered with study or mental labor, and was always worse on thinking of it, also worse in a warm, especially a very narrow room; this feeling was a dull dragging-down or heavy feeling, more marked in the forehead, close over the eyes, and in the temples, just in front of and a little above the ear; never felt in back part of head and only occasionally on vertex; occasionally it amounted to a decided pain, but seldom,[10a].—[**10**.] Sensation as if the scalp were adherent to the bones of the head, in the afternoon (third day),[10].—***Forehead.*** About noon my head commenced to ache; dull pain across forehead, commencing at about outer angle of each eye, and not only extending across forehead, but seemed especially to be more severe around the edges of the orbits to the inner angles and over the bridge of the nose; appears to be more intense over the bridge of the nose; forehead quite hot and dry; headache worse in warm room, and relieved in cold open air; headache partly relieved while eating, but coming back after eating (third day),[6].—Towards evening felt a dull pain in the forehead, principally over the left eye, which disappeared soon after retiring (second day); perceived again on rising (third morning); somewhat increased (third day); soon after waking in the morning grows worse, with qualmishness about the stomach; was soon relieved after retiring (fourth day),[8].—Dull frontal headache, as if I had taken cold, with tired feeling all over, and a slight backache in the small of the back; symptoms all growing worse towards night (fourth day); headache (fifth day),[9].—Dull, heavy feeling in anterior part of the head, without decided ache, not interfering with mental exertion, and in fact forgotten during it; worse on thinking of it (ninth day),[10].—Headache over and through the forehead and temples and around the edges of the orbits; relieved by cold air; worse in warm room,[6a].—Headache growing worse on

right side and over right eye; *worse* on *stooping* and on the slightest motion, even of opening and closing the eye; better on lying still in bed (fifth night),[3].—Pain over left eye, sharp, and passing over the eye from left to right (third, fourth, and fifth days),[5a].—Heavy feeling in forepart of head (eighth day),[10].—Some pressing pain above the eyes (fourth day),[10].—***Temples.*** [**20.**] Heavy dragging-down sensation in the temples (second day); same heaviness, with some dull pain, which was worse on thinking of it, and forgotten during close study or mental application (third day),[10].—A heavy drawing pain in the right temple towards night and in the evening (fifth day),[3].—***Vertex and Parietals.*** Heavy headache in top and sides of the head (fourth day),[3].—Pain on the left side of the head (sixth day),[5a].

Eye.—Eyes sore, weak; when pressing slightly upon the eyeball, it felt as if pins were sticking into it (fourth day),[9].—Eyes feel tired, in the afternoon (second day),[10b].—Pain in left eye, with smarting (first and second days),[4].—Sticking pain in left eye, lasting but a few moments, in the afternoon (second day),[10b].—Eyes smart, with profuse lachrymation,[10a].—Tears run from eyes,[6a].—[**30.**] Eyeballs feel as if pressed from above, with tired feeling of eyes and some dull pain; hard work to keep eyes open; eye symptoms relieved by shutting the eyes; disappeared on eating a hearty meal about 2 o'clock (eighth day),[10b].

Nose.—Catarrhal symptoms began to develop themselves, and thinking I had caught a severe cold, I stopped the proving; had for two or three nights a hacking cough, with slight expectoration of mucus in small lumps; cough only appeared in the evening, and ceased on retiring (after ten days),[10].—Immediately on touching the tongue to it, a pungent odor went up through the nostrils to the eyes, making me sneeze, as well as starting tears (first and second days),[6].—**Dryness in both nostrils, the left is the worse, tender to pressure, and discharged some dried mucus* (fifth day),[5a].—***Left nostril stopped up, in the afternoon and evening** (fifth day),[10b].—***Left nostril stopped all day**; *scanty discharges from anterior nares, acrid, causing smarting of skin* (sixth day),[10b].

Face.—Shrunken features,[13].—Redness around mouth, with smarting of lips (sixth day),[10b].—Sensation as if the cheek were bulged outward by a bubble of air, just below the malar bone, in the afternoon (second day),[10].—Lips dry, and feel as if the integument were stiff (sixth day),[10b].—[**40.**] Burning prickling in the face (third day),[1].

Mouth.—Teeth. Teeth are sensitive to warm drinks and to cold air, especially those that have been filled (eighth day),[10b].—***Tongue.*** A fissure along the median line of the tongue at the point where I was in the habit of taking the drug from the bottle, did not disappear on taking the drug in a different manner,[10a].—Tongue coated a dirty white in the middle, more towards the back part, the edges and tip being natural,[10a].—It made my tongue feel very sore, raw, and could hardly bear weight of teeth on it; in twenty-four hours the gums were very sore and tender to touch, so that I could not bear to eat anything hard, it hurt them so; this lasted nearly a week,[6a].—Burning, scalded feeling on the tongue,[10a].—Tongue on forepart very sore; feels as if I had a small blister on the tip of the tongue (third day),[6].—Tongue feels dry and sticky,[7].—***General Mouth.*** Breath offensive, smelling as a person's breath does after eating onions; worse shortly after taking the drug,[10a].—Great dryness of the mucous membrane of the mouth,[7].—[**50.**] Burning in mouth, extending to stomach (after first dose, second day),[1].—On tasting it, was quite sure it was horseradish; it turned

my mouth so that I had to hold my head up to prevent spitting it out; made my tongue feel as though it had been scalded with hot tea, a rough, scalded feeling (first and second days),[6].—***Saliva.*** Profuse salivary secretion,[10a].—***Taste.*** Am very fond of mustard, but during whole proving it had a very unpleasant taste, and once or twice nauseated me,[1].—Garlic taste in mouth, tingling of tongue, in the morning, followed by nausea in the evening (first day); constant taste of garlic all day (third and following days),[1].—Taste of horseradish in his mouth,[10a].

Throat.—Dry sensation in the posterior nares and pharynx, which is relieved by swallowing or by partial efforts to cough, which causes a little mucus, white and tenacious, not easily raised, and coming up in small lumps, to be brought up (sixth day),[5a].—Rough scraping sensation in my throat, appearing to be in the larynx and extending to the trachea; this sensation is constant, causing a desire to make an effort to relieve this sensation; it is so severe as to cause a hacking cough; it is worse this evening (eighth day); throat is better; have had considerable secretion of mucus; throat symptoms were worse between 7 and 9 P.M., not so bad as last evening (ninth day),[5a].—(Throat is somewhat better (second day); very much relieved, no soreness, less secretion, and feeling much better in every respect (third day); nearly well (fourth day); am feeling well in every respect; have not felt as well in three months (fifth day); throat begins to feel a little sore (sixth day); better (eighth day); feeling the best I have for a long time; have gained flesh), (ninth day),[5].—Throat commenced feeling sore on left side (fifth day); felt only on swallowing saliva and on forcing mucus from the posterior nares; whole throat much injected *behind* the uvula palati, *light-red* color; soreness felt only slightly on drinking or eating (sixth day),[10a].—[**60.**] Slight soreness of the throat on the right side, soon extending to the left (third day); the throat is worse (fourth day); continued (fifth day),[9].

Stomach.—Eructations. Eructations were a constant attendant on the proving; shortly after taking the drug these would taste like horseradish; later, would be tasteless; were only occasionally noisy, though the discharge of gas was considerable,[10a].—Eructations and passage of flatus (after second dose, second day),[5a].—Desire to eructate (third day),[4].—Occasional attacks of singultus, lasting but a few minutes each,[10a].—Stomach disturbed, heartburn, and belching of wind, all the evening (first and second days),[4].—***Nausea and Vomiting.*** Nausea in the evening (first day), lasting till breakfast was eaten; severe in the evening (second day) till I had eaten breakfast, and lasting about one hour in the evening (third and following days),[1].—Qualmishness about the stomach, with the headache (fourth day),[8].—At 4 P.M. vomited copiously, without much straining; nausea somewhat relieved (fourth day),[8].—***Stomach.*** Load in stomach; heartburn (third day),[4].—[**70.**] Ulceration of stomach and intestines,[12].—Severe pain in the region of the stomach, with a sensation of faintness, causing me to bend forward and take a sitting position, which gave relief; this passed off in five or ten minutes (immediately after second dose); same pain in region of stomach (after third dose, second day); these stomach pains were, shortly after taking the drug, burning, but later, sharp and intermittent (third day),[5a].—Intense pain across the epigastric region,[6a].—Severe pain in cardiac region all day (seventh day),[5a].—Burning sensation in my stomach, which lasted for fifteen minutes (first day),[5a].—Burning in the stomach, which, after about a minute, is felt in the umbilical region,[13].—About 10 A.M., while at lectures, and leaning a little forward on my

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day).—The sensation of qualmishness in the pit of the stomach was worse while lying down, but the salivation and nausea were better; while walking the reverse was true (third day).—Qualmishness in the pit of the stomach and some nausea (third day).—Nausea and burning in the pharynx and stomach (fifth day).—Efforts to vomit without nausea (fourth day).—Very great nausea, with anxiety in the pit of the stomach (sixth day).—Repeated empty retching (sixth day).—Nausea, more easily borne while at rest, sitting, or lying, than while walking (sixth day).—[70.] Nausea, with salivation and retching (soon), (seventh day).—Qualmishness in the stomach (soon), (seventeenth day).—Qualmishness in the pit of the stomach (soon), (twenty-second day).—Qualmishness with nausea (twenty-third day).—Retching and vomiting of water, with violent retching and burning in the stomach and abdomen, extending to both sides under the false ribs, and even up under the whole chest, with inexpressible discomfort and anxiety in the pit of the stomach (fourth day).—The ejecta by vomiting consisted of flakes of mucus with blackish veins like clots of blood; this ejecta was yellow, odorless, and tasteless, contained much tenacious and gelatinous mucus; the vomiting was followed by scraping in the throat and burning rising up from the stomach (fourth day).—***Stomach.*** Burning pressive sensation in the cardiac orifice of thé stomach (first day).—Burning in the stomach and nausea, with accumulation of water in the mouth and sour taste (immediately after a dose, second day).—Burning pressure, heaviness, and qualmishness in the epigastric region, with accumulation of water in the mouth (second day).—Burning pressure in the stomach just beneath the ensiform cartilage (second day).—[80.] Pressure and burning in the pit of the stomach, for an hour (second day).—Intermittent pains in the stomach and pit of the stomach (second day).—Burning and pressure in the pit of the stomach, with heartburn (third day).—Anxious feeling in the pit of the stomach (fourth day).—Burning in the stomach and pharynx (fourth day).—Burning in the stomach and pharynx, with accumulation of water in the mouth (fourth day).—Fulness and pressure in the stomach and abdomen after the midday meal (fourth day).—Very acute bruised pain, even on slight pressure, in the pit of the stomach, just beneath the ensiform cartilage; pressure on it took away the breath (fourth day).—Fulness in the pit of the stomach, soon after a moderate meal (fifth day).—Sensation of fulness and distension in the abdomen, that feels tense (fifth day).—[90.] Very violent burning in the pit of the stomach (fifth day).—Heaviness and distension in the pit of the stomach, and sensitiveness of the abdomen to touch, immediately after breakfast (sixth day).—Distressing burning and pressure in the pit of the stomach (sixth day).—Burning in the stomach and pharynx (sixth day).—Bruised feeling in the pit of the stomach and abdomen, also when touched (sixth day).—Burning and pressure in the stomach and pharynx (seventh day).—Pressure and burning in the stomach and pharynx (immediately), (eighth day).—Painful burning in the stomach, with sensitiveness to pressure, accompanied by pressure and burning in the œsophagus, in the evening (eighteenth day).—Pit of the stomach painful to pressure (twenty-second day).

Abdomen.—Rumbling and gurgling in the abdomen (third day).—[100.] Fulness and tension in the abdomen (second day).—Pressure and heaviness in the abdomen and stomach, aggravated by touch and pressure, as if something hard were lying in the stomach, extending to both sides under the false ribs, after a moderate meal (second day).—Rumbling in the abdomen, with emission of odorless flatus (third day).—Griping in the

abdomen, especially in the right side, soon followed by a normal stool (third day).—Rumbling and gurgling in the abdomen, followed by emission of flatus (fourth day).—Abdomen and pit of stomach sensitive to external pressure (fourth day).—Sensation of fulness in the abdomen with griping, especially about the umbilicus, with emission of flatus (fourth day). —Fulness, with distension in the abdomen, after a light meal (fourth day). —Heaviness and distension in the abdomen, with painfulness on breathing and on touch, after a light breakfast (fourth day).—Heaviness and pressure in the whole abdomen and pit of the stomach (fourth day).—[**110.**] Frequent loud emissions of flatus (fifth day).—Fulness and distension in the abdomen, which is sensitive to touch, after a light breakfast (fifth day).—Movements in the abdomen, with some griping, as before a stool (fifth day).—Griping and movements as for a stool, in the evening, emission of only flatus (fifth day).—Emission of offensive flatus (sixth day).—Rumbling in the abdomen during a meal (sixth day).—Sensation of heaviness in the abdomen after eating a little; it is so tense that the clothes must be loosened (sixth day).—Griping colic, soon followed by copious dirty-brown, pasty stool, then transient burning in the anus (sixth day).—Emission of much offensive flatus (seventh day).—Whole abdomen distended and painful, as if beaten, immediately after breakfast (seventh day).—[**120.**] Rumbling in the abdomen and sensation of heaviness (seventh day).—Distension of the abdomen, especially after eating (ninth day). —Abdomen painful to touch (ninth day).—Griping in the bowels with emission of flatus (ninth day).—Distressing heaviness as of a stone in the abdomen (eleventh day).—Whole abdomen very sensitive to touch, especially the epigastric region, which pained as if beaten (eleventh day).—Emission of offensive flatus (thirteenth day).—Rumbling and gurgling in the abdomen, with emission of much odorless flatus (eleventh day).—Rumbling and gurgling as from liquid in the abdomen (thirteenth day).—Emission of much flatus (sixteenth day).—[**130.**] Frequent emission of flatus (sixteenth day).—Rumbling in the abdomen (sixteenth day).—Distension and sensitiveness in the abdomen and pit of the stomach, so that the clothes had to be loosened, after a very light meal (sixteenth day).—Griping and gurgling in the abdomen with qualmishness, in the pit of the stomach (sixteenth day).—Loud emission of odorless flatus (twenty-second day).—Cutting colic, followed by emission of odorless flatus (twenty-second day).—Movements in the abdomen with qualmishness (twenty-third day). —Heaviness as of a weight in the abdomen (twenty-third day).—Heaviness and fulness in the abdomen (twenty-third day).—Distressing heaviness, fulness, and distension in the whole abdomen, with qualmishness in the pit of the stomach, after a moderate meal (twenty-third day).—[**140.**] Burning bruised pain in a small spot to the left of the navel (twenty-fourth day).

Rectum and Anus.—Sensation as though a hard substance were lying in the rectum and could not be evacuated (nineteenth day).—Burning in the anus, obliging to scratch (fourth day).—A violent stitch in the anus so that he almost cried out, while sitting (fourth day).—Sudden stitch through the anus (sixth day).—Burning and itching in the anus (sixth day).—Transient burning iu the anus after a stool (sixth day).—Violent itching and burning in the anus, in the evening in bed (eighth day).—Immediately after a stool a sensation in the anus like that in a limb that has been sprained, with a sensation as though the anus were drawn up into the rectum; with sticking, itching, burning, and biting in the anus, pro-

voking scratching, lasting till noon (thirteenth day).—Sensation as if something hard were lying just by the anus, soon followed by a stool, which, however, was evacuated only with great pressure and was unsatisfactory; the first part was hard, crumbly, dark-brownish green, covered with mucus, and containing thread-worms, followed by the same sensation as before the stool (fourteenth day).—[**150.**] Itching and crawling in the anus (sixteenth day).—Itching in the anus before the stool, and afterwards prickling and burning (sixteenth day).—Itching and crawling in the anus (caused by thread-worms), beginning at 3 P.M., and increasing till about 10 P.M., when it amounted to a distressing burning and a sensation of contraction in the bowels and drawing up of the anus (examination showed a large number of thread-worms in and about the anus) (seventeenth day).—Itching and biting in the anus, coming on in the evening, not at all noticed in the morning (eighteenth day).—Crawling and biting in the anus, which had not existed all day; commenced in the evening and lasted uninterruptedly until going to bed (nineteenth day).—Burning in the anus after a stool (eighteenth day).—Sensation as if the anus were drawn up into the bowel (nineteenth day).—Itching crawling in the anus, in the morning on rising (twentieth day).—Crawling and burning in the anus, with griping in the abdomen, followed by emission of flatus and relief (twenty-fourth day).—Spasmodic constriction in the anus, as if affected by a spasm; this sensation appeared at intervals and was especially noticed after swallowing anything hard, and was aggravated by continued pressure at stool, in the evening (twentieth day).—[**160.**] Desire for stool, lasting a long time, soon after eating, followed by a small, very unsatisfactory stool; but soon afterwards another stool, soft and pasty, formed, of a dirty-brown color, followed by burning and biting in the anus, rumbling in the abdomen, griping and emission of flatus (sixth day).—Urging to stool, with a feeling as if hard fæces were lying close to the orifice of the anus, could not be evacuated, and caused a sticking in the anus; after long ineffectual urging a little mucus and some live thread-worms were passed (thirteenth day).

Stool.—A small, blackish, hard stool covered with mucus, followed by prickling burning in the anus (third day).—A very small, hard, crumbly, blackish-green stool, in the evening (fourth day).—A dark-green stool, not copious (fourth day).—A dark-brown greenish stool, the first half of which was normal, the rest pasty (fifth day).—Stool small, thin, soft, and dark brown and greenish-colored, with mucus, and containing some dead thread-worms (fifth day).—Copious pasty stool, with burning in the anus; stool dark brown, containing undigested food, mucus, and several large thread-worms (sixth day).—Stool brownish, pasty, containing undigested food eaten the previous day (seventh day).—Copious pasty stool, of a grayish-yellow color (eighth day).—[**170.**] Copious brown stool, followed by burning and biting in the anus (ninth day).—Stool containing undigested food of the previous day (ninth day).—Stool very copious, partly hard, partly soft, preceded by great urging with griping; the first part dark brown, the last dark yellow, pasty, of a sour odor; the whole evacuation, especially the soft part, seemed thickly covered with dark-red blood, containing many mustard seeds and undigested food; evacuation preceded and accompanied by sticking and biting in the anus, lasting a long time, the cause of which was discovered to be a thread-worm; after the stool rumbling and gurgling in the abdomen (tenth day).—Thin pasty stool, of a sour odor, as if fermenting, of a dirty greenish-brown color, containing numerous thread-worms, with streaks of blood, not dark red, as yesterday, but blackish red

and clotted (eleventh day).—Small hard stool without blood, in the evening; the evacuation unsatisfactory, of a dark yellowish-gray color, with much pressure (eleventh day).—Copious pasty stool; the evacuation partly hard, partly soft, sour, fermented, with numerous thread-worms, accompanied by heat and burning in the anus, and with griping and gurgling in the abdomen, followed by burning and smarting in the anus (twelfth day). —Stool pasty, copious, dark yellowish-green, in the morning (fourteenth day).—Stool yellowish-green, covered with mucus, containing thread-worms and streaks of blood (sixteenth day).—Very small, crumbly evacuation of the bowels, covered with mucus, containing thread-worms, followed by burning biting in the anus, which was very distressing (seventeenth day). —Small, hard, crumbly stool with thread-worms, followed by burning and biting in the anus, and a sensation as if the orifice of the anus were drawn up into the bowel and a hard piece of fæces were still remaining in the anus, in the evening (eighteenth day).—[**180.**] Small, hard, crumbly stool evacuated with great pressure, at 6 and 11 P.M. (nineteenth day).—After great pressure a small crumbly stool, accompanied by mucus and thread-worms, followed by crawling and burning in the anus, and again a sensation as of a hard body rising up into the rectum, in the evening (twenty-first day).—Copious pasty stool (twenty-first day).—Yellowish-gray stool, with mucus and thread-worms (twenty-second day).—Small, hard, crumbly, almost black stool preceded by griping, followed by itching and burning in the anus; during the stool there was much dragging and pressure in the rectum (twenty-second day).—A pasty yellowish-gray stool with thread-worms and white tenacious thready mucus, accompanied by burning in the anus, preceded by rumbling in the bowels and biting in the anus (twenty-fourth day).—Thin, pasty, grayish-brown evacuation, containing thread-worms, sour as if fermented, with great burning in the anus during and after the stool (twenty-fifth day); no stool (twenty-sixth day); copious pasty, brown stool, followed by burning in the anus, in the morning; in the evening a pasty, fermented, sour, small, dark-brown stool, preceded by burning and crawling in the anus, constant violent colic with great desire for stool, followed by a prickling and biting in the anus (twenty-seventh day); the evacuation of thread-worms continued for some weeks after the proving.†—The stool seemed to be soft and easy to evacuate, in the morning, but the reverse in the evening.

Urinary Organs.—Urine dark yellow, soon forming a transparent flocculent cloud, that hangs near the surface, and only falls to the bottom after thirty-six hours (third day).—Urine bright golden yellow, forming a cloud (fourth day).—[**190.**] Urine dark-colored (fifth day).—The urine has a cloud of mucus, and contains numerous small granules looking like frog-spawn; on the surface of the urine, at the bottom and on the sides of the glass, there were a number of small red granules (sixth day).—A cloud forms in the urine, does not sink but remains in the middle of the liquid, but has a membranous look; there is a thick fatty pellicle on the surface of the urine (ninth day).—Urine dark yellow, almost brown, becoming turbid, without depositing a cloud (fifteenth day).—Urine turbid and cloudy, depositing a white flocculent sediment, and having a glistening shimmering film on the surface (fifteenth and sixteenth days).—Urine dark-

† This prover (the same who proved Spirea ulmaria) suffered from eleven to thirteen years of age from thread-worms, but had had none since until the present proving.

air), Cough.—(*Leaning forward*), Pain across epigastric region.—(*Laughing*), Cough.—(*Motion*), headache.—(*Thinking of it*), Dull feeling in head.—(*Stooping*), Headache.—(*In a warm room*), Dull feeling in head; headache.

Amelioration.—(*Night*), on lying down, the symptoms.—(*In open air*), Dull feeling in head; headache.—(*Lying down*), Dull feeling in head; cough.—(*Motion*), Pain in back and through hips.—(*Shutting eyes*), Eye symptoms.

SIUM.

Sium latifolium, Linn.

Natural order, Umbelliferæ.

Common name, Water parsnip.

Preparation, Tincture of root.

Authorities. **1**, White, Phil. Med. Times, 1873, p. 47, a man, aged forty-nine, ate less than an ounce of the root of the "wild parsnip;" **2**, Little, The Clinic, 7, 49, a man, aged sixteen, ate a piece as large as an almond of the common water parsnip, death in less than three hours.

Mind.—Much excited,[1].—Considerable mental anxiety (soon),[2].—Sense of fear of death,[1].—Lack of mental power,[1].

Head.—Great dizziness,[1].—Headache,[1].

Eye.—Pupils dilated, responding slowly to a bright light (after two hours),[2].—Pupils somewhat dilated,[1].

Throat.—Decided burning feeling along the alimentary tract (œsophagus especially),[1].—[**10.**] Feeble efforts at deglutition when fauces were touched (after two hours),[2].

Stomach.—Became nauseated, and vomited what little he had eaten for dinner (after one hour); after a brief respite he was again seized with vomiting, at the close of which he fell into a convulsion,[2].—Unpleasant sensation about the stomach (soon),[2].

Abdomen.—Sense of swelling and flatulence about the bowels,[1].

Respiratory Organs.—Respiration slow,[1].—Respiration slow and stertorous (after two hours),[2].

Pulse.—Pulse 60 per minute, full and strong (after two hours); the circulation became weaker and weaker, the pulse being 40 per minute when last recognized,[2].—Pulse 44,[1].

Generalities.—Muscles in a state of tonic contraction; arms drawn toward the middle of the body; fingers flexed; opisthotonos well marked; greater contraction of the muscles on the left side than on the right (after two hours),[2].—Every few minutes there were spasms, at first violently clonic, but with each succeeding convulsion the violence diminished, so that they became little more than tremors; by degrees the character was changed until the last one (in which circulation and respiration ceased), which was a pure tonic spasm. At first the spasms were of short duration and the interval considerable, but the duration of the spasms increased and the interval diminished until it was scarcely appreciable,[2].—[**20.**] Loss of voluntary motion,[1].—Very prostrate in strength,[1].

Fever.—Skin cold and clammy,[1].—Head hot, rest of body cold (after two hours),[2].—Wet with perspiration (after two hours),[2].

SOLANINUM.

An alkaloid, $C_{45}H_{69}NO_{16}$, obtained from various Solanums, especially from S. nigrum and S. dulcamara.

Preparation, Triturations.

Authorities. Reil's Journ. f. Pharmacodynam., 1857. **1**, Dr. Clarus, took ½ grain of the acetate first day, 1 grain second day, 6½ grains third day; **2**, Schroff, Lehrbuch f. Pharm., 4th ed., p. 623, proving of Solanin from S. dulcamara on four persons; **3**, Froumüller, Klin. Studien, etc., gave to several persons doses of 1 to 4 grains of S. from S. tuberosum and nigrum, no symptoms; afterwards took 6 grains; **3** *a*, same, persons took 15 grains.

Mind.—Stupefaction without previous excitement,[2].

Head.—Vertigo,[2 3a].—Head hot, heavy, dull, painful,[2].—Heaviness of the head,[1].—Pain in the occiput,[1].

Eye.—The pupils were not much affected, perhaps somewhat contracted,[1].

Mouth.—Salivation,[2].—The pure alkaloid has a cooling, acid, and salt taste, and when chewed, it causes a glutinous sensation in the pharynx and throat, with scraping, which extends down to the stomach, where it becomes a peculiar sticking pain,[2].—Bitter taste.[3]

Throat.—[**10.**] Scraping in the throat,[1 2 3a].

Stomach.—Constant eructations,[2].—Nausea and diarrhœa,[3a].—Nausea, and violent ineffectual efforts to vomit,[2].—Nausea and vomiting,[3].—About 5 P.M., vomiting three times without previous nausea, without pain and without any intestinal symptoms,[1].

Abdomen.—Rumbling in the abdomen,[2].

Urinary Organs.—(The next morning, examination of the urine showed albumen!),[1].

Respiratory Organs.—Hoarseness,[2].—Respiration slightly slower than natural, temperature not affected,[3a].—[**20.**] Very superficial slow respiration, 15 or 16 to 14 to the minute,[1].—Difficult respiration, with oppression of the chest,[2].—Oppressed respiration,[1].

Pulse.—Pulse increased in rapidity, weak (72 to 88),[1].—Increased frequency of the pulse, sometimes as much as 25 beats, lasting four hours (the next morning, somewhat slower than natural),[2].—The pulse ran up to 95 and 100, was remarkably soft, small, and weak,[1].—Pulse rose from 76 to 92 in fifteen minutes; in twenty minutes more it returned to the normal,[3a].—It caused after ten hours slight slowness of the pulse and respiration, but no change in the temperature,[3].—Pulse small, weak, thready,[2].

Inferior Extremities.—Slight tonic spasms of the lower extremities,[2].—[**30.**] The next morning the prover felt quite well, with the exception of some weakness in the lower extremities,[1].

Generalities.—Weakness,[1].—Sensation of great weakness,[2].—Sensitiveness to light, noise, and to touch,[1].

Skin.—Skin dry,[2].—Hyperæsthesia of the skin; creeping along the spine when touching the skin; more easily tickled than natural,[2].—Itching of the skin,[2].

Sleep.—Frequent yawning,[2].—Great sleepiness, with inability to sleep,[2].—Sleepiness,[2].—[**40.**] Sleep very restless, frequently disturbed by frightful dreams,[2].—Sleep frequently interrupted during the night, but without dreams,[1].

Fever.—Extremities cold,[2].—Profuse perspiration without weakness,[1].

SOLANUM ARREBENTA.

Solanum rebenta, Vell.
Natural order, Solanaceæ.
Common name (Brazilian), Arrebenta cavallos.
Preparation, Trituration of the leaves.
Authority. Mure, Pathogenesie Bresilienne.
Mind.—Impatient and irritable about trifles.
Head.—Vertigo after bathing.—Headache.
Face.—Red face, with determination of blood to the head.
Mouth.—Clammy mouth in the morning.
Stomach.—Loss of appetite.—Constant thirst.—Swelling of the stomach.—Difficult digestion.
Chest.—[10.] Pain in the pectoralis major.—Glandular swelling in the right breast.—Lancinations in the breasts.
Superior Extremities.—Swelling of the axillary glands.
Skin.—Pale-green color of the skin (after a few days).—Urticaria.—Superficial ulcer below the left nipple.—Painful boil under the right axilla.—Suppuration of the boils.
Sleep.—Waking with a start.—[20.] Dreams about quarrels and murder.
Fever.—Slight fever.—Flying heat all over.

SOLANUM MAMMOSUM.

Solanum mammosum, Linn.
Natural order, Solanaceæ.
Common name, Apple of Sodom.
Authority. Hering, Archiv. f. Hom., 13, 2, p. 184.
Mind.—He becomes exasperated at what he thinks may happen.—Inability for continuous thought, though with perfect comprehension of his subject; he could, when writing, only express himself in short broken sentences.
Stool.—No stool (second day); stool occurred later than usual and after much pressure (third day).
Respiratory Organs.—The mucus hawked from the larynx contains streaks of bright blood (after half an hour).—Hawking of mucus containing flakes of blood (third day).
Back.—Twitching of a large muscle below the right scapula, as if the flesh were pinched up by the hand and shaken back and forth (third and fourth days).
Inferior Extremities.—Sticking pain in the left hip-joint, that made him quite lame, frequently during and after walking, disappearing after standing and sitting down (fourth day).
Generalities.—Uneasiness; inability to keep quiet.—Everything is seen as in a fever with a hard pulse.—[10.] Sensitiveness to tobacco.
Skin.—Causes blotches over the whole body (from poisoning; see Froriep, Notizen, 1821).
Sleep.—Great weariness and desire to sleep without ability to sleep, followed by slumbering without real sleep, and afterwards deep sleep for several hours, from which he awoke and could not collect his senses for a

long time, and remained long in an irresolute condition (this condition occurred at the time of the flood-tide, at the full moon; with the ebb-tide a general refreshing, as after a crisis).—Even after a long sleep during the day he was sleepy in the evening, and slept well all night.—Dreams of death, with violent weeping (fourth and fifth days).

SOLANUM NIGRUM.

Solanum nigrum, Linn.
Natural order, Solanaceæ.
Common names, Black nightshade; (Fr.), Morelle noir.
Preparation, Tincture of plant.
Authorities. **1**, Pihan Dufeilly, Journ. de Chim. Med., iv, p. 143, poisoning (from Roth, Mat. Med., 3, 5); **2**, Hirtz, Gaz. Med. de Strasburg, 1842, ibid.; **3**, Camerarius, Wepfer Hist. Cicut. Aquat., p. 288,† ibid.; **4**, Rucker, poisoning of four persons, Commercium Litt. Norinberg, ibid.; **5**, Journ. de Chim. Med., 1840 (Hygea, 13, 403), poisoning of three children; **6**, same, a case; **7**, Tardieu, "Empoisonnement," poisoning of a child by leaves; **8**, same, another case; **9**, same, another child; **10**, Kontuy, Preuss. Med. Zeit., 1862 (A. H. Z., Mon. Bl., 6, 31), a child poisoned by leaves and berries; **11**, Lembke, Allg. Hom. Zeit., 45, 74, proving with tincture, doses of 5 to 50 drops; **12**, Moreaux, Elements de Therap., poisoning of a boy by berries (from Hale's Compilations, Trans. Hom. Med. Soc. State of N. Y., 1870); **13**, Eberle, Therap., a girl ate berries, ibid.; **14**, same, a child ate four ripe berries; **15**, two boys poisoned, Journ. de Chim. Med.; **16** and **17**, omitted; **18**, Gataker, effects of infusion of 1 to 3 grains of leaf, ibid.; **19**, omitted; **20**, J. M. Cunningham, proving with tincture, took first day, 10 drops at 5 P.M.; second day, same at 7 P.M.; third day, 15 drops at 8 A.M.; sixth day, 15 drops at 7 P.M.; seventh day, 15 drops at 7 A.M.; eighteenth day, 20 drops at 9 A.M. and 2 P.M.; twentieth day, 20 drops at 8 P.M.; twenty-second day, 20 drops at 7 A.M., ibid.; **21**, symptoms, by Louis Deventer, from MS. from Dr. C. Hering.

Mind.—Delirium, with stammering speech, efforts to escape and to get out of bed,[7].—Delirium,[8].—Delirium, cries and convulsions,[3].—Piercing cries, such as are heard in cases of hydrocephalus (third hour),[2].—Dull drowsy feeling, with indisposition to study (twenty-third day),[20].—The understanding seems lost; the patients do not appear to comprehend what is passing around them; but every now and then they utter indistinct words, like delirious or intoxicated persons (in three hours),[2].—**Complete cessation of mental faculties*,[15].—She was found entirely insensible, lying in a deep *apoplectic stupor*, all the muscles relaxed, the face flushed, and the pulse full and irregular; she continued in this state about six hours, then gradually recovered,[13].—A state of stupor and coma, attended with fever,[12].—[10.] Coma with twitching,[6].—Comatose sleep,[10].

Head.—Vertigo. *Vertigo*,[1 5 6 21].—Vertigo, nausea, and colic,[1].—Vertigo on rising and moving about, with dizziness before the eyes (fifth day),[20].—Brain seems to swim; vertigo worse on moving the head (twentieth day),[20].—Sensation as if the bed was turning rapidly in a circle, within ten

† Edition, Basel, 1679, p. 226, a communication from Dr. Camerarius concerning the poisoning of three children, aged six, four, and three years, by eating the berries of "Solanum vulgare" (Nigrum).—T. F. A.

minutes after going to bed (twenty-first day),[20].—Feeling, on stooping, as if everything was moving around in a circle (twenty-third day),[20].—Great vertigo, on rising in the morning, somewhat relieved on going out into the open air (twenty-fourth day),[20].—While talking the body seems to reel in various directions (after 50 drops),[11].—[**20.**] While walking the body inclines to the left (after 50 drops),[11].—***General Head.*** Dulness of the head, followed by dilatation of the pupils (after 10 drops),[11].—Dulness of the head, with slow pulse and contracted pupils (ten minutes after 25 drops),[11].—Dull pain in the head, at 11 A.M. (fifth day),[20].—Dull heavy headache, at 8 P.M. (twenty-fourth day),[20].—Dull heavy headache, continuing without intermission (twenty-fifth day),[20].—Dull throbbing headache, during the forenoon (twenty-fourth day),[20].—Heavy sensation in the head, on waking in the morning, as if he had not had enough sleep (twenty-third day),[20].—The head seems too heavy (after 35 drops),[11].—Fulness and heaviness of the head,[21].—[**30.**] Slight fulness in the head (after about an hour),[20].—Feeling of lightness in the head (twenty-first day),[20].—**Headache*,[6].—Violent headache, which wakes him up at night,[3].—Constant and violent headache,[1].—Violent headache, at 11 A.M. (twenty-third day),[20].—Horrible headache,[15].—**Frightful headache*,[5].—Very severe pain in head immediately over the eyes; so severe as to make him partially close his eyes; light seems to aggravate it, and it is worse on stooping over; it lasts about an hour, very severe, at 10 A.M. (eighteenth day),[20].—Headache increased when first beginning to move after sitting, but after walking for a time in the open air, somewhat relieved (twenty-fourth day),[20].—[**40.**] Headache worse in a close room (twenty-third day),[20].—Feeling as if the head would split (twentieth day),[20].—On moving the head, the brain feels as if it were shaking about in the skull, at 10 A.M. (eighteenth day),[20].—Feeling, on the least motion after sitting, as if the brain would burst from the forehead (twenty-third day),[20].—***Forehead.*** Dull feeling in forepart of the head, all the afternoon (fifth day),[20].—Heaviness in the forehead (after 35 drops),[11].—Heaviness and pressure in the forehead (after 40 drops),[11].—Violent headache in the front part of the head, at 8 P.M. (twentieth day),[20].—Sensation as from a blow, in the forehead (fifth day),[20].—Slight pain in the forepart of the head, on waking, going off in the course of the morning (twentieth day),[20].—[**50.**] Slight pain in the forepart of the head, on waking in the morning (twenty-second day),[20].—Pressure deep in the forehead (after 25 drops),[11].—Pressure and dulness in the forehead (after 35 drops),[11].—Pressive pains in the forehead,[21].—Violent throbbing pain in the forepart of the head, during the whole afternoon (twenty-third day),[20].—***Temples.*** Tensive drawing pain in the region of the temples,[21].—Severe pain through the temples, as if the head would split, at 12 M. (fifth day),[20].—Severe pain in the left temple, of a throbbing beating character, worse on the slightest misstep, and worse on stooping, at 1 P.M. (twenty-third day),[20].—Pressure in the temples, extending toward the forehead deep in the brain, repeated several times (after 50 drops),[11].—Sharp gnawing pain in the right temple, at 9 A.M., causing him to grasp his hand and shut his eyes from the severity of the pain (twenty-third day),[20].—[**60.**] Stitches in the temple (twenty-third day),[20].—Throbbing of temporal and carotid arteries, at 11 A.M. (twenty-third day),[20].—***Vertex.*** Pain in a small circumscribed spot on the top of the head, which soon passed off (eighteenth day),[20].—Pressure on the vertex and forehead (soon), (after 50 drops),[11].—***External Head.*** During the last week, has had an eruption on forehead of small red pimples, sore to touch and very hard; when

one went away another would come (twenty-fourth day),[20].—Scalp feels sore, on moving the hand through the hair (twenty-third day),[20].—Scalp very sore to touch, feeling as if the hair had been very severely pulled (twenty-fourth day),[20].

Eye.—Wrinkles around the eyes, on the upper lip, and on the fingers (eleventh day),[4].—Eyes wide open, moist, and sparkling (in three hours),[2]. —Redness of the eyes,[21]; (twenty-fourth day),[20].—[**70.**] Fulness and tension in the eyes,[21].—Eyes feel dull and heavy (twenty-fourth day),[20].—Burning in the eyes (twenty-fourth day),[20].—Eyes very sensitive to the light (twenty-fourth day),[20].—Eyes feel as if there were sand in them, on waking in the morning (twenty-fifth day),[20].—***Brow and Orbit.*** Slight pain over left eye (after one hour, second day),[20].—Severe pain in the supraorbital region, on waking in the morning; it passed off in the course of an hour, leaving a dull heavy sensation in the forepart of the head (third day),[20].—Severe pain over the eyes, aggravated by motion and stooping (third day),[20].—Violent pain in the supraorbital region, on waking in the morning; worse on arising and from the slightest motion; the least misstep sends violent pains through the temples; the acute pain passed off about 10 A.M., leaving a sensation as if the forehead had been bruised (fourth day),[20].—Dull heavy pain over the eyes, with insipid taste in the mouth, on waking in the morning (sixth and seventh days),[20].—[**80.**] Sharp shooting pain over right eye, at 4 P.M. (eighteenth day),[20].—Violent pain over the eyes, going off in the course of an hour, at 9 P.M. (twenty-second day),[20].—Severe pain over eyes, almost unbearable when looking at a bright object (twenty-third day),[20].—Dull bruised feeling over the eyes, on waking in the morning (twenty-fifth day),[20].—***Lids.*** Biting in the margins of the lids (after 40 and 50 drops),[11].—Burning sensation in the eyelids,[21].—Pain in inner canthus of left eye (twenty-third day),[20].—***Lachrymal Apparatus.*** Watering of the eyes,[21].—***Pupils.*** Dilatation of the pupils,[21].—Increasing dilatation of the pupils,[5].—[**90.**] Pupils dilated (very soon after 5 drops),[11].—Pupils dilate very easily (after 10 drops),[11].—Pupils very much inclined to dilate (after 25 drops),[11].—Pupils greatly dilated (one hour after 25 drops); returned to their normal size (two hours after 25 drops),[11].—Pupils dilated, the inner margins of the iris seems bright yellow as if illuminated, with bright spots and black objects before the eyes, intermingled with mistiness of vision (forty-five minutes after 35 drops); after another forty-five minutes the pupils were at times very small, and at other times very large,[11].—Excessively dilated pupil,[1 5]. —Pupils enormously dilated and insensible,[9].—Both pupils are dilated to utmost extent (after three hours),[2].—Dilatation of the pupil alternating with contraction,[6 15]; (second day),[1]; (one hour after 20 drops),[11].—***Vision.*** Great weakness of sight, aggravated by bright sunlight,[21].—[**100.**] Erethitic amaurosis,[21].—Mistiness before the eyes,[5 15].—Muscæ volitantes,[21].—He can scarcely distinguish surrounding objects,[1].—Flickering before the eyes,[21].—Black points and streaks before the eyes when reading (after 25 drops),[11]. —Darkness before the eyes, with white spots and stripes and black rings and greatly dilated pupils (one hour and three-quarters after 35 drops),[11]. —Black points and stripes before the eyes, with heaviness and dulness in the head and easily dilated pupils (after fifteen minutes); everything seemed too bright, as if too much light entered the eyes, with biting on the margins of the lids and pressure over the eyes and deep in the eyes, especially on looking at the daylight; at a distance everything seemed mixed, with pressure in the forehead (after half an hour); the pupils were

contracted, yet at times everything seemed too bright, and the eye was sensitive to light (after three-quarters of an hour); sticking in the inner canthus of the right eye, pupils very much contracted, with many floating spots and points before the vision, alternating with very dilated pupils, that remained dilated (after one hour); the eyes remained very sensitive on reading all day (after 40 drops),[11].—Black points and objects before the eyes, with dilated pupils (after a quarter of an hour); everything seems dark (after half an hour); the pupils continue dilated for more than an hour (after 50 drops),[11].

Ear.—Subsequent to the poisoning the child suffered from the most violent parotitis,[10].—[**110.**] Stitches in the ear (twenty-third day),[20].—Everything heard seems at a greater distance than natural (after 50 drops),[11].—Buzzing before the ears,[21].

Nose.—The nose is of a deep-red color (fourth day),[4].—Considerable sneezing (with discharge from nose), (twenty-third day),[20].—Discharge during the day of a thin watery substance from the nose, with considerable sneezing; great discharge of water from right nostril, the left being closed, as from a cold (twenty-third and twenty-fourth days),[20].—Burning in the nose (twenty-fourth day),[20].

Face.—Highly congested face, expressive of wildness and anxiety (in three hours),[2].—Swollen and flushed face (second day),[1].—Flushed face,[1 13].—[**120.**] Face red, swollen,[5].—Red, bloated face,[15].—Red, fatigued face,[15].—Expression of fright and terror,[9].—Face pale,[8].—Face looked as though he had been intoxicated, at 11 A.M. (twenty-third day),[20].—Sharp neuralgic-like pain shooting from the lower jaw up into the left ear, leaving suddenly and coming as suddenly (twentieth day),[20].—Lips dry and blistered (twenty-third day),[20].—Lips and tongue feel dry as if scalded (twenty-fourth day),[20].—Trismus (after three hours),[2].—[**130.**] Very sharp pain running from the lower jaw up into the left ear, of a neuralgic character, at 10 A.M. (twenty-fifth day),[20].

Mouth.—Tongue sore as if burnt (twenty-fourth day),[20].—Dryness of the back of the tongue and arch of the palate (after 10 drops),[11].—Dryness of the mouth (after 35 drops),[11].—Great dryness of the mouth (after 40 drops),[11].—Mouth very dry (after 50 drops),[11]; (twenty-third day),[20].—Insipid taste in mouth (with pain over eyes), on waking in the morning (sixth and seventh days),[20].—Utterance becomes uneasy,[1].

Throat.—Dryness in the throat,[21].—Stitches in the right side of the throat (twenty-third day),[20].—[**140.**] Raw sensation in throat, painful on swallowing anything solid or liquid (twenty-third day),[20].—Throat very sore on swallowing (twenty-fourth day),[20].—Tickling sensation in throat, causing him to cough frequently (twenty-fifth day),[20].—Fauces dry (one hour and a half after 25 drops),[11].—Constant sticking in the fauces, especially on swallowing, at times stitches shooting from the fauces towards the drum of the right ear (after 40 drops),[11].—Left tonsil feels swollen, with soreness on swallowing,[15].—Left tonsil feels swollen as from cold, sore on swallowing (twentieth day),[20].—Feeling as if there were a splinter in the right tonsil (twenty-third day),[20].—Stitching pain in tonsil (twenty-fourth day),[20].—Sensation of cramp in the œsophagus (after twenty-five drops),[11].—[**150.**] Deglutition is effected only when their jaws are forced wide open in order to make them swallow liquids,[2].—Throbbing of the carotid arteries, at 8 P.M. (twentieth day),[20].—Violent beating of the carotids (twenty-third day),[20].

Stomach.—Appetite and Thirst. Want of appetite; they go

to bed without wanting their supper,[1].—Thirst,[21].—Great thirst, causing me to drink often, and in large quantities (twenty-fourth day),[20].—Very urgent thirst, but the liquids taken were soon vomited up again (second day),[2].—Unquenchable thirst,[1].—Excessive thirst,[5 6 15].—***Eructations.*** Empty eructations (with burning in the stomach), (fifth day),[20].—***Heartburn.*** [160.] Slight heartburn, of short duration, immediately after eating breakfast (seventh day),[20].—Heartburn, with nausea, at 6 P.M. (eighteenth day),[20].—Violent heartburn after eating dinner; burning sensation up into the œsophagus, passing off in the course of an hour (twentieth day),[20].—Heartburn after going to bed, in the evening (twenty-first day),[20].—Heartburn, in the afternoon, lasting for about an hour (twenty-second day),[20].—***Nausea and Vomiting.*** *Nausea,*[1 21].—Nausea, with sparks before the eyes, continuing until he went to sleep (twenty-first day),[20].—Nausea and retchings,[12].—Nausea, with efforts to vomit, followed by profuse vomiting, at first of mucus, afterwards of bluish or grayish-black liquid,[5].—Vomiting,[6].—[170.] Vomiting of all food,[6].—Loathing vomiting of ingesta,[15].—Vomiting of ingesta, then of a blackish-green liquid,[1].—Copious vomiting, at first of mucus, then of a thick, blackish-green liquid,[1].—Seldom failed to either vomit, sweat, or purge the patient moderately, or to increase the quantity of urine; it sometimes occasioned a giddiness, especially when it made the patient sick (nauseated), but neither the sickness or giddiness were constant symptoms, and when they happened they generally abated or ceased entirely after the first dose,[18].—Frequent vomiting, first of mucus, afterwards of a bluish or gray-blackish fluid,[15].—***Stomach.*** Severe pain in the region of the stomach, extending up into the region of the heart and left shoulder, at 5 P.M. (fifth day),[20]—Great pain in the pit of the stomach,[12].—Great pressure in the stomach in paroxysms (after ten drops),[11].—Constant pressure in the stomach (after thirty-five and forty drops),[11].—[180.] Pressure in the stomach (after fifty drops),[11].—Severe cramps in the pit of the stomach, at 5 P.M.; worse on walking; gradually subsiding after eating supper (sixth day),[20].—Sharp, cutting pains in and across the stomach, relieved by pressure and bending forward, at 5 P.M. (fourth day),[20].—Severe burning in the stomach, with vomiting,[15].—Burning pain in the stomach after the evacuations (fourth day),[20].—Burning pain in the stomach, extending upwards, with nausea (after loose evacuation), (fifth day),[20].—Burning in the stomach, with empty eructations (fifth day),[20].—Slight burning in stomach, with nausea (after two hours, sixth day),[20].—Burning sensation in stomach, extending up into the œsophagus (eighteenth day),[20].

Abdomen.—Violent cutting in the umbilical region (after thirty-five drops),[11].—[190.] Abdomen excessively distended and tense,[8].—Meteorism to such an extent that he seems almost to swell up visibly,[2].—Colic,[10].—Colic and ineffectual urging to stool,[1].—Pain in bowels (after one hour, second day),[20].—Pain, at 5 P.M., as if the intestines were cut with knives, which continued until after supper, when it gradually subsided (fourth day),[20].—Pains in the abdomen and desire to lie down; after about an hour the pains increased and were accompanied by nausea, without vomiting,[7].

Anus.—Tenesmus in the anus,[5 15].

Stool.—One or more of the natural evacuations were almost always increased,[19].—The bowels, which have been somewhat constipated, are rather loose; stools semifluid; 10 A.M. bowels still somewhat loose; evacuations of a yellow color, somewhat watery, at 5 P.M. (fourth day),[20].—[200.] Loose evacuation of a yellow, watery character, at 10 A.M., followed

by a burning pain in the stomach, extending upwards, with nausea (fifth day),[20].—Constipation, with small, dry, hard stools (eighteenth day),[20].—Bowels somewhat costive (twenty-fourth day),[20].

Urinary Organs.—If a sweat did not break out, then an extraordinary discharge of urine was the consequence, and frequently followed by a purging,[19].

Respiratory Organs.—Respiration rapid,[8].—Difficult respiration,[5 15].—The breathing is quick, but easy,[2].—Stertorous breathing,[1].

Chest.—Slight oppression of the chest (soon after ten drops),[11]—Constriction of the chest,[21].—[**210.**] Pressure on the sternum and at the tenth dorsal vertebra (after thirty-five drops),[11].—Cutting pain in left side (twenty-fourth day),[20].

Heart and Pulse.—Anxious feeling in the region of the heart,[21].—Pulse very rapid, scarcely perceptible,[8]—Pulse rapid, irregular,[6 15].—Small and very frequent pulse (in three hours),[2].—Frequent and somewhat irregular pulse (second day),[1].—Pulse from 90 to 95 (twenty-third day),[20].—Pulse 95, during forenoon (twenty-fifth day),[20].—Pulse about 95, at 8 P.M. (twenty-fourth day),[20].—[**220.**] Pulse slow, small, and soft (after thirty-five drops),[11].—Pulse small and slow (after twenty and forty drops),[11].—Pulse full and irregular,[13].

Neck and Back.—Neck feels sore and stiff, as if bruised; worse on moving the head (seventh day),[20].—Severe pain in muscles of neck (twenty-fourth day),[20].—Great pain in the back of the neck, and shoulders, and lower extremities (with fever), (twenty-fourth day),[20].—Pain in back of neck and between shoulders (twenty-fifth day),[20].—Bruised feeling in the back and limbs (seventh day),[20].—Pain in back and limbs, at 9 P.M. (twenty-third day),[20].

Extremities.—Restlessness in the limbs, with carphologia,[8].—[**230.**] Pain in limbs (and back), at 9 P.M. (twenty-third day),[20].—Wandering pains, first in the shoulders, then down the arm, then in the lower extremities (twenty-fourth day),[20].—Severe pain in all the limbs, at 8 P.M. (twenty-fifth day),[20].—Painful drawing in arms and feet,[21].

Superior Extremities.—Arms heavy, as if prostrated, especially the right (after fifty drops),[11].—Dull, heavy pain in right arm, extending down to the ends of the fingers, at 10 A.M.; this continued until 3 P.M., when it gradually disappeared (fifth day),[20].—Pains extending down the left arm of a lancinating character, at 9 P.M. (fifth day),[20].—Pain shooting through left arm and wrist (twenty-fifth day),[20].—Pain in the left shoulder and right wrist (after fifty drops),[11].

Inferior Extremities.—Gait unsteady, heavy, insecure (after 35 drops),[11].—[**240.**] Trembling of the lower extremities, especially of the muscles of the thighs, like small, successive jerks (after 20 drops),[11].—The lower extremities seem prostrated, especially the left (after 50 drops),[11].—Weakness of the thighs (ten minutes after 25 drops),[11].—Pain in the right knee, extending upwards towards the hip (fifth day),[20].—Legs feel sore on walking, as if bruised (twenty-fourth day),[20].—Compression in the left calf, as before cramp (after 35 drops),[11].—Crawling in the left calf (after 50 drops),[11].—Pulling pains in the calves (twenty-third day),[4].—Swelling of the feet (fifty-second day),[4].—Tearing on the back of the left foot (after 50 drops),[11].

Generalities.—[**250.**] Coma, convulsive agitation, plaintive cries (third day). A singular proceeding is observed in the midst of their convulsions; they frequently stretch out their little hands, as if to grasp something, then carry them eagerly to their mouths, and go through the

motions of mastication and swallowing (in three hours),[2].—*The most violent general convulsive agitation (in three hours),[2].—Convulsions, tetanic rigidity, and death,[1].—Convulsions and spasms; they stretched their hands during the spasms, as if they would grasp something, carrying their hands to their mouths, chewing and swallowing, etc.,[15].—Spasms, with twitching, followed by tetanic rigidity of the body, and death,[5].—Trembling, violent starting (in three hours),[2].—**Tetanic rigidity of the whole body*,[15].—He lies on his back in a state of entire prostration, disturbed, at intervals, by spasmodic movements (second day),[1].—(Increased distension and prominence of the varicose veins),[21].—Restlessness,[7].—[**260.**] After the attack the patient was extremely weak,[10].—Lassitude of the whole body, without inclination to sleep,[21].—All the muscles relaxed,[13].—General heaviness (after 5 drops),[11].—Bruised feeling all over body, at 9 P.M. (twenty-third day),[20].—Violent pain in every muscle and joint, on waking in the morning (twenty-fourth day),[20].—All the muscles of his body feel sore to the touch (twenty-fifth day),[20].—From bodily exertion, great tiredness and vertigo,[21].—Great sensitiveness to cold air (for several weeks after being cured),[4].—Great sensitiveness to cold air,[21].

Skin.—[**270.**] Red blotches, like scarlatina, irregularly dispersed over almost the whole cutaneous surface (in three hours),[2].—The palms of their hands are of a greenish blue color (in three hours),[2].—The face, eyelids, lips, hands and feet are greatly swollen, with intolerable itching of those parts (first day, in the evening),[4].—The hands, feet, and nose are greatly swollen, very painful, and black (second and third days),[4].—The hands and feet are swollen, and covered with black spots (second and third days),[4].—The swelling is very painful, it enlarges, becomes shiny, hard, and deep red; and, in several places, quite black (second and third days),[4].—The black hue of the swollen parts grows deeper, the fingers are stiffened, and on the upper part of the sternum appears a large round blotch of a deep-red color (fourth day),[4].—The tip of the nose, the hands, from the tips of the fingers to the knuckles, and the toes to the tarsal joints, become quite black, as if regularly dyed (fourth day),[4].—A few vesicles appear on the back of the hand, which break, and discharge a yellowish and very acrid fluid (seventh day),[4].—The swelling diminishes, as also the black discoloration; desquamation commences (seventh day),[4].—[**280.**] Eruption like confluent small-pox; sloughs are formed on the fingers; the eyelids are agglutinated so as to exclude the light; the patient is tormented by an itching burning at the extremities (twelfth to fourteenth days),[4].—Large blisters on both arms, which discharge acrid serum (eighteenth day),[4].—The sloughs are detached from the face, and the right hand swells up again (eighteenth day),[4].—The face cleans off, but the hands are again covered with hard and very painful crusts, which fall off and are soon replaced by new ones (twenty-first day),[4].—Swelling of the face, arms, abdomen, scrotum, and penis (fifty-fourth day),[4].—A few small pimples on the back of the hand, which itched violently (twenty-fourth day),[20].—Violent itching of both arms, not relieved by scratching (first day),[4].—Painful and itching sensation in chronic ulcers on the feet,[21].

Sleep.—Sleepiness,[21].—Very sleepy during the whole forenoon (twenty-third and twenty-fifth days),[20].—[**290.**] Very sleepy all day (twenty-fourth day),[20].—Deep sleep,[14 15].—Night very restless, sleepless, with hallucinations and carphologia,[9].—In the middle of the night he wakes up uttering groans, which are wrung from him by a violent headache,[1].—Feeling, on waking in the morning, as if he had lost several nights' sleep (sixth day),[20].—Feel-

ing, on waking in the morning, as if he had not had enough sleep (twenty-first day),[20].—Passed a very uneasy night (twenty-second night),[20].—Sleep disturbed by dreams, which caused him to awake several times in terror, with a sensation of falling from a great height (third night),[20].—Sleep disturbed by dreams of snakes, which caused him to awake several times in fright (fifth night),[20].—Sleep disturbed by dreams (twenty-second night),[20].

Fever.—[**300.**] *Alternation of coldness and heat* (fifty-first day),[4].—Slightly feverish; flushes of heat across the face, at 3 P.M. (sixth day),[20].—Fever all afternoon (twenty-third day),[20].—High fever on going to bed, which continued for about half an hour, when a profuse perspiration broke out and lasted about half an hour, thoroughly saturating his shirt, and the sheet he was lying on (twenty-third day),[20].—High fever, at 2 P.M., with great pain in the back of the neck, and shoulders, and lower extremities (twenty-fourth day),[20].—Slight fever; heat and redness of the face (twenty-sixth day),[20].—Some fever, at 8 P.M. (twenty-fourth day),[20].—Fever during the forenoon (twenty-fifth day),[20].—The child at first had fever, and afterwards was in a comatose condition without fever, had dilated pupils, coated tongue, painfulness in the præcordia, distension of the abdomen, with, at times, screaming and grasping at the abdomen, and constipation,[10].—Fever attended the stupor and coma,[12].—[**310.**] Burning dry heat (in three hours),[2].—Burning skin covered with sweat (second day),[1].—Hot skin covered with sweat,[15].—Hot skin, sweaty,[6].—Heat or warmth diffused in a few hours over the body; a plentiful sweat succeeding this heat, and a purging the next day,[19].—Heat in the head and back (after 50 drops),[11].—Increased heat of the head (twentieth day),[20].—Heat in the face, hands, and along the back (after 50 drops),[11].—Increased heat and redness of the face, at 11 A.M. (twenty-third day),[20].—Flashes of heat running up and down the back, at 8 P.M. (twenty-fifth day),[20].—[**320.**] Profuse perspiration (after fever, on going to bed), (twenty-third day),[20].—Profuse sweat over the whole body,[5].—Frequent sweats over the whole body,[15].—The whole body is bathed in perspiration,[1].

Conditions.—**Aggravation.**—(*Morning*), On rising, vertigo; on waking, pain over eyes; insipid taste in the mouth.—(*Light*), Pain over eyes.—(*Motion*), Vertigo; headache.—(*Misstep*), Pain in temples.—(*Close room*), Headache.—(*Stooping*), Pain over eyes; pain in left temple.—(*Sunlight*), Weakness of sight.—(*Swallowing*), Pain in throat; soreness of left tonsil.—(*Walking*), Cramp in pit of stomach.

Amelioration.—(*Walking in open air*), Headache.

SOLANUM OLERACEUM.

Solanum oleraceum, Velloz.

Natural order, Solanaceæ.

Common names (Brazilian), Gyquerioba, Juquerioba.

Preparation, Tincture of the flowers.

Authority. Mure, Pathogenesie Bresilienne.

Mind.—Mental dejection.—Irritable and impatient.

Eye.—Inflammation of the left upper eyelid.—Stye on the left lower eyelid.—Pain in the inner canthi.

Nose.—Acute catarrh.—Discharge of offensive mucus from the left nostril.

Face.—Constant redness of face.—Pain and swelling of the face and throat with inflammation.—[**10.**] Pain in the face.—Violent pain in the left cheek, extending all over the face.

Mouth.—Toothache.—Toothache, at night.—White-coated tongue.—Ptyalism.

Throat.—*Inflammation of the throat.*—Swelling of a cervical gland.

Stomach.—Loss of appetite.—Difficult digestion.—[**20.**] Short-lasting lancinating pain in the stomach.

Urinary Organs.—Scanty micturition.

Sexual Organs.—Discharge of milk-white mucus from the vagina.—Short-lasting menses.

Respiratory Organs.—Suffocating cough.

Chest.—Cold feeling in the left side of the chest, after drinking.—*Swelling of the mammary gland, with profuse effusion of milk* (second day).

Generalities.—Soon after taking, the breasts of a colored woman of sixty became swollen and discharged a great deal of milk.

Skin.—Pustular eruption all over, first white, then red, and itching intolerably at times.—Urticaria febrilis.—[**30.**] Herpetic eruption on the ankle.—Itching.—Itching of the legs.

Sleep.—Drowsiness with headache.—Drowsiness for four hours, in the middle of the day.—Sleepiness, all day.—Sleeplessness.—Sleeplessness, for two nights.

SOLANUM PSEUDO-CAPSICUM.

Solanum pseudo-capsicum, Linn.

Natural order, Solanaceæ.

Common names, Jerusalem cherry; (Fr.), Cerisette.

Preparation, Trituration of the fruit.

Authority. Dr. Montane, Journ. de Med. de Bordeaux (Journ. de Chim. Med., 1862, vol. viii, p. 34), effects on a child, of eating the fruit, three or four berries.

Eye.—Dilatation of the pupils.

Stomach.—Nausea.

Abdomen.—Very acute pains in the lower part of the abdomen.

Sleep.—Somnolence.

SOLANUM TUBEROSUM.

Solanum tuberosum, Linn.

Natural order, Solanaceæ.

Common names, Potato (Fr.), Pomme de terre.

Authorities. **1**, Muncke, Hecker's Annals, 1845 (Frank's Mag., 3, 223), effects of eating new potatoes; **2**, Bourgeois, Journ. Gen. de Med., No. 334, p. 69 (Frank's Mag., 3, 234), effects of eating green potatoes; **3**, W. Thistleton Dyer, Pharm. Journ., 1842, p. 590, effects of the extract; **4**, Thomas Morris, Brit. Med. Journ., 1859, p. 719, Miss H., ate berries of potato plant, death on third day; **5**, Manners, Edin. Med. Journ., 1867, p. 399, a man ate the berries, fatal effect; **6**, same, effects on other members of family; **7**, Lancet, 1859, 2, 202, fatal effects in a girl of eating the berries.

Mind.—Almost lost consciousness,[1].

Head.—Vertigo,[2].—In a large dose, it produces all the effects of narcotic poisons, headache, vertigo, stupor, etc.,[3].—Persistent headache,[2].

Eye.—Eyes deep in their sockets,[1].—Looks staring,[1].—Eyes for the most part open, and the pupils were not very much dilated,[4].—Dilated pupils,[1 6].—Indistinct vision,[2].

Face.—[**10.**] Hippocratic face,[1].—Expression anxious,[4 6].

Mouth.—The teeth were for the most part closed, and she was constantly spitting through the closed teeth a viscid frothy phlegm,[4].—Tongue covered with a brown moist fur,[4].—Difficulty of moving the tongue in talking,[2].—Hardly able to articulate, the tongue appearing heavy,[6].—Talked thick (in half an hour),[5].—Speechless,[4].

Stomach.—Violent retching, followed by vomiting and diarrhœa,[1].—A good deal of sickness,[4].—[**20.**] Felt sick, a darkness over his eyes, his skin cold, and cramped all over (in a half hour),[5].—Epigastric region sensitive to pressure,[1].

Abdomen.—Violent colic and vomiting,[2].—Pain in bowels,[4].

Stool.—Diarrhœa with tenesmus,[2].—Decided tendency to produce relaxation of the bowels,[3].

Respiratory Organs.—Respiration hurried,[4].—Respiration irregular, at times suppressed; usually short and incomplete, only seldom slow and sighing,[1].—Difficult respiration,[2].

Pulse.—Pulse 100, small, rapid, scarcely perceptible,[1].

Extremities.—[**30.**] Cramps, especially in the calves, with spasmodic contractions of the fingers and thumbs,[1].

Generalities.—Tossing to and fro in bed,[4].—General rigidity,[2].—Patient exceedingly weak,[1].—Faintness,[2].—In moderate doses it seems to me to possess power *far* more certain than either Hyoscyamus or Conium,[3].

Skin.—Skin of a livid color,[4].

Sleep.—She occasionally slumbered for a few minutes, and again was restless,[4].

Fever.—Skin cold,[6].—Face, chest, and extremities cold,[1].—[**40.**] Skin bedewed with a cold clammy perspiration,[4].

SOLANUM TUBEROSUM ÆGROTANS.

Diseased potato.

The disease is owing to the development of a fungus of the order of moulds (mucedines); now known as *Peronospora infestans*, Montague; the leaf is first attacked.

Authorities. **1**, Mure, Pathogenesie Bresilienne, proving by Van Dyck; **2**, same, proving by Jolly; **3**, same, proving by Mrs. A. G., aged twenty-six; **4**, Reddie, Edin. Med. and Surg. Journ., 1833, p. 384, effects of eating diseased potatoes (child had recently suffered from scarlatina); **5**, same, a boy aged six, same family, fatal result; **6**, same, child aged four, same family, fatal result; **7**, Banks, Dublin Med. Journ., 1846, p. 267, a man and three children poisoned by diseased potatoes (boiled); **8**, O'Brien, Dublin Hosp. Gaz., January, 1846, effects of eating diseased potatoes; **9**, McCormack, Lancet, 1846, 2, 91, effects in a girl of nineteen, of eating diseased potatoes "for a long time."

Mind.—She rises in the night, imagining that thieves are hidden behind the curtains; but she does not dare to look for them, and begs some one else to do so (thirty-third day),[3].—Sadness (fifteenth day),[3].—Hypo-

chondria (fifteenth day),[3].—Anxiety on waking (thirty-fourth day),[3].—She is much concerned about her future destiny, which she fancies will be wretched (thirty-eighth day),[3].—She is very irritable, and will listen to no explanation (fifty-second day),[3].—Bad temper; nothing suits him, and he cannot bear to have anything about him disturbed (third day),[1].—Quarrelsome mood (twelfth day),[3].—The least thing puts her out of humor (eighth day),[3].—[10.] An unintelligible expression irritates her so that she would like to break everything and to bite her hands (sixteenth day),[3].—Great flow of ideas, at 5 P.M. (fifth day),[2].—While listening, or at work, the attention often wanders off on a different train of thought; this occurs several times during the proving (fifteenth day),[2].—Disposed to recall past journeys; flow of theatrical ideas, etc. (twenty-third day),[2].

Head.—Confusion of the head (fifteenth day),[3].—The head, and especially the forehead, are confused as during a coryza, all the afternoon (second day),[2].—Heaviness of the head (eleventh and fourteenth days); slight (fifteenth day); on waking (twenty-third day),[1].—Heaviness in the head, at times becoming very severe, especially on lowering and raising the head (twelfth day),[1].—Heaviness of the head, worse in the morning than in the evening (thirteenth day),[1].—Heaviness of the head, in the morning (second day),[2].—[20.] The head feels heavy; she can hardly hold it up (fifteenth day),[3].—Sensation, when stooping, as if the brain were leaping in the skull (thirteenth day),[3].—Headache (fourteenth day),[2]; (twelfth day),[3]; at noon (fifteenth day),[1].—Headache aggravated by the smell of alcohol, and disappearing at 3 P.M. (twenty-fourth day),[1].—Headache ceasing for awhile, and then recommencing without being worse; decreases in the evening (thirteenth day),[3].—Headache during a half slumber (seventeenth day),[3].—The headache is aggravated by working (thirty-seventh day),[3].—Sensation of heat in the head, at 4 P.M. (eighth day),[1].—Sensation as of water splashing in the head (thirty-seventh day),[3].—Lancinations as if the brain would burst open, when going upstairs (thirteenth day),[3].—***Forehead.*** [30.] Confusion of the forehead (fourteenth day),[3].—Frontal headache, with dull feeling and tendency to fall forwards (thirteenth day),[3].—Frontal headache, all day (fourteenth day),[3].—Violent frontal headache and coryza, all day (nineteenth day),[2].—Frontal headache (twenty-first day),[2].—Severe frontal headache, when walking, at 5 P.M. (twenty-first day),[2].—Lancinating pain in the forehead, from dinner-time until 9.30 P.M. (twelfth day),[3].—Pressure in the forehead and above the orbits (third day),[2].—***Temples.*** Slight throbbing in the temple (tenth day),[1].—Pulsation in the left temple (sixteenth day),[3].—***Vertex.*** [40.] Heaviness at the vertex (eighteenth day); in the evening (seventeenth day),[3].—Tearing in the vertex; she cannot bear the least covering on her head (forty-second day),[3].—Pain at the vertex (thirty-seventh day),[3].—***External Head.*** Painful sensitiveness of the scalp and roots of the hair (forty-second day),[3].—The scalp is painful every day; she feels such a pulling that she cannot bear to have it combed; this pain disappears after stirring about and talking (forty-fourth day),[3].

Eye.—Injection of the sclerotica (thirteenth day),[3].—Heaviness of the eyes and forehead, on waking; as on the day after getting drunk (second day),[1].—Heaviness of the eyes (tenth day),[1].—Smarting and pricking in the eyes (twelfth and sixteenth days),[1].—Smarting in the eyes, in the evening (fifteenth day),[1].—[50.] Contraction and pulsation on the left upper eyelid, at 7 P.M. (sixteenth day),[2].—Pricking around the eyelids; they are red and bloodshot on their inner surface (seventh day),[1].—On waking,

pricking around the eyelids (eleventh day),[1].—Smarting of the eyelids (sixteenth day),[1].—Lachrymation of the right eye, for a few minutes (twelfth day),[3].—(Profuse lachrymation), (seventh day),[1].—(Lachrymation on waking), (fifteenth day),[1].

Ear.—Ringing in the ears as if she were going to faint (seventeenth day),[3].—Whizzing in the left ear, at 5 P.M. (twenty-third day),[2].

Nose.—Sneezing when going upstairs (ninth day),[1].—[**60.**] Sneezing after going upstairs (thirteenth day),[1].—Sneezing (fifteenth day); at 4 P.M. (sixteenth day); at 5 P.M. (seventeenth day),[1].—Repeated sneezing, followed by a slight cough, every day at 5 P.M., for four days (fourteenth day),[3].—Repeated sneezing, at 8.30 P.M. (fourteenth day),[2].—Coryza (twentieth and twenty-first days),[2].—Slight epistaxis, at 11 A.M. (fifteenth day); at 6 P.M. (twenty-third day),[3].—Slight epistaxis after supper (twenty-seventh day),[3].—Epistaxis in the morning (forty-second, forty-third, and forty-fourth days),[3].—Blowing of bloody mucus from the nose, in the morning (forty-fourth day),[3].—Pressure at the root of the nose (first day),[2].—[**70.**] Smell of blood; she would like to bleed at the nose, at 7 A.M. (fourteenth day),[3].

Face.—Face and head enormously swollen,[9].—A red erysipelatous state of the face and scalp, with œdematous swelling of the eyelids, so as nearly to close them,[8].—Face pale and bloodless, much swollen, particularly about the eyelids, and having a dull languid expression,[5].—On her left cheek, half way between the mouth and angle of the jaw, there was a portion of integument of the size of a half-crown piece, dark, pulpy, and exhaling a fetid smell. Over the cheek and the greater part of the anterior surface of the neck, the parts were much swelled, very hard, and of a deep-red color; some parts, especially in the immediate vicinity of the sore, having a yellowish tinge, and others a bluish-black appearance,[4].—Countenance expressive of pain and features sunken (sixth day),[7].—Countenance pallid, unmeaning, and indicating indifference of her fate,[9].—Red and hot face (thirteenth day),[3].—Dark redness and heat of the cheeks (fourteenth day),[3].—Deep redness of the face (twenty-third day),[3].—[**80.**] (Scarlet redness of the face), (forty-seventh day),[3].—Red face, with injected sclerotica (fifty-second day),[3].—Bright redness of the right cheek-bone (thirteenth day),[3].—Scarlet redness of the cheeks (thirty-seventh and thirty-eighth day),[3].—Lips cracked, bleeding, and almost raw (fifteenth day),[1].

Mouth.—Teeth. Teeth loose and extremely painful,[9].—The teeth are covered with a white substance (seventh day),[1].—Teeth covered with white mucus (fifteenth and sixteenth day),[1].—***Gums.*** The gums, especially of the lower jaw, swollen, painful, spongy, and bleed on the slightest touch; even the attempt to swallow causes an oozing of blood,[9].—***Tongue.*** Tongue flabby, and thickly loaded with white fur,[9].—[**90.**] Loaded tongue,[4].—Tongue pale,[5].—Tongue coated white (seventh day),[1]; (seventh, fourteenth, and thirty-fifth days),[3]; in the morning (sixteenth day),[2].—Thin yellowish coating on the tongue, in the morning (eighth day),[2].—Greenish-yellow coating on the tongue along the middle (fifteenth day),[1].—Tongue slightly coated white (sixteenth day),[1]; in the morning (fifth day),[2].—Slight yellowish-white coating on the tongue, in the morning (fifth day),[2].—Pricking in the right side of the tongue, from noon until 3 P.M. (eighteenth day),[2].—Thick tongue, at 2 A.M. (ninth day),[3].—White-coated tongue, with a yellow line along the middle (sixteenth day),[3].—[**100.**] Cracked tongue, in the morning (thirty-fourth day),[3].—Tongue white in the middle and red at the tip (thirty-seventh day),[3].—Tongue very red

(thirty-seventh day),[3].—***General Mouth.*** Breath horribly fetid,[9].—Breath fetid,[5].—Swelling of the mucous membrane of the internal alveolar border of both incisors, and the left canine tooth (nineteenth day),[2].—The mucous membrane of the palate feels as if coming off in different places (third day),[1].—Clammy mouth, in the morning (fifteenth day); at night (sixteenth day),[3].—Mouth dry (thirty-third day),[3].—Dry mouth, with tearing sensation in the chest, at 2 A.M. (thirty-third day),[3].—***Taste.*** [110.] Taste of raw potatoes, in the morning (fourteenth day),[3].—(After eating potatoes at supper, he has the taste in his mouth all night), (sixteenth day),[3].—At dinner, the dishes taste as bitter as gall (forty-sixth day),[3].

Throat.—Mucus accumulates in the throat, and seems to cover its whole anterior portion (forty-fourth day),[3].—Inflammation of the throat; she cannot swallow her saliva, in the evening (twentieth day),[3].—Salt taste in the throat (third day),[3].—Roughness in the throat, with thirst, in the evening (eighteenth day),[3].—Pricking in the throat, provoking a cough (seventeenth day),[1].—Tickling in the throat, causing a cough (twenty-sixth day),[1].—Tearing in the throat, at 8 A.M. (seventh day),[3].—[120.] Feels as if there were a fleshy growth in the throat (twenty-first day),[3].—Feeling as of something sticking in her throat that she cannot bring up, followed by the expectoration of a small, hard, yellowish-gray lump (forty-seventh day),[3].—Tearing sensation in the throat, with accumulation of mucus, which it is difficult to raise (forty-fourth day),[3].—Fauces and mouth inflamed and ulcerated in patches,[9].—Great difficulty in swallowing,[9].

Stomach.—Appetite. Great appetite (twenty-first day),[3].—Canine hunger at dinner (thirty-second day),[3].—Great desire for coffee (twenty-third day),[3].—Desire for spirits and oranges (thirty-fifth day),[3].—Little appetite (seventh, eighth, and fifteenth days),[1]; (thirteenth, fourteenth, and eighteenth days),[3].—[130.] Loss of appetite,[6].—***Thirst.*** Thirst (eighth day),[1]; (thirteenth day),[3].—Burning thirst, as though her mouth were salt (forty-second day),[3].—***Eructations.*** Eructations in the evening (twelfth day),[3].—Eructations, followed by rumbling in the stomach, ceasing after drinking a glass of sugared water (sixteenth day),[3].—Regurgitations and eructations, at 3 P.M. (thirty-fourth day),[3].—Acidity and eructations, at 9 P.M. (first day),[1].—Acidity, bitterness, and regurgitations after dinner (thirty-second day),[3].—***Stomach.*** Difficult digestion, with twisting in the stomach, after breakfast and dinner (third day),[3].—Difficult digestion (thirteenth day),[1].—[140.] Yesterday's dinner does not digest well; acidity at night (fifteenth day),[3].—Is awakened at 4 A.M. by a stomachache, with eructations, lasting an hour (seventeenth day),[3].—Pains in the stomach and redness of the face after breakfast (eighteenth day),[3].—Heaviness in the stomach; dinner does not sit well, at 9 A.M. (twenty-third day),[3].—Her dinner hurts her all night (twenty-fourth day),[3].—Pulling in the stomach, at 2 A.M. (thirty-second day),[3].—After dinner her clothes feel too tight; digestion is difficult (thirty-eighth day),[3].—A sensation of uneasiness in the stomach, which soon amounted to pain, and extended to the abdomen, following the course of the colon (after one hour),[7].—Colic in the stomach, after a meal, at 6 P.M. (sixth day),[3].

Abdomen.—Sensation as if a spring were unrolled in the left hypochondrium (thirteenth day),[3].—[150.] The right umbilical region is painful to touch (seventeenth day),[1].—Swelling of the abdomen, with excruciating pain and tenderness on pressure (sixth day),[7].—Belly hard and dropsical,[9].—Abdomen tumid,[5 6].—Flatulence and eructations (sixteenth day),[1].—

Frequent emission of flatulence (twenty-fifth day),[1].—Frequent emission of flatulence, in the morning (third day),[2].—Flatulence, in the evening (seventeenth day),[2]; (twelfth day),[3].—Emission of flatulence; sometimes it cannot be expelled (twelfth day),[3].—Emission of flatulence (thirteenth day),[3].—[**160.**] Borborygmi and flatulence in the abdomen (thirteenth day),[3].—Borborygmi (fourteenth day),[3].—Noisy flatulence, at 9 P.M. (thirty-fourth day),[3].—Abdomen painful to touch all along the median line, from the sternum to the hypogastrium (eighth day),[1].—Fearful colic, as if the bowels were violently twisted, followed in fifteen minutes by a hard and copious stool, and then by two others, almost liquid, at night (sixth day),[1].—Colic (eighteenth day),[1].—Colic, followed by two stools, at 4 A.M. (seventeenth day),[1].—Colic on waking (twenty-fifth day),[1].—Colic after a meal (second day),[2].—Colic and twisting in the stomach after a meal (fifth day),[2].—[**170.**] Slight colic, with frequent emission of flatulence, in the evening and all night (sixteenth day),[2].—Twisting colic (twelfth day),[3].—The bowels are twisted together, at 10.30 P.M. (thirteenth day),[3].—Colic, with rigors (thirteenth day),[3].—Colic, with loud emission of flatulence (twenty-fourth day),[3].—Colic along the large intestine, at 9.30 P.M. (thirty-second day),[3].—Pain in abdomen,[8].—Dull colic in the hypogastric region, during the night (second day),[3].—Pressive pain in the right hypogastric region, towards the inguinal ring, after running a long time (twenty-sixth day),[2].—Dull colic in the hypogastrium (fortieth day),[3].—[**180.**] Stitch and sharp pinching in the right groin, near the inguinal ring; this was felt on raising one leg, as when going upstairs three steps at a time; soon after an ordinary stool, at 11 A.M. (ninth day),[2].—Sprained feeling in the right groin (twenty-fifth day),[3].—Lancinating pain in the left iliac region, less felt in the right (twenty-first day),[3].

Rectum and Anus.—Prolapsus recti (third day),[3].—Contraction of the sphincter ani (twelfth day),[3].—After stool, the rectum alternately falls and returns again (third day),[3].—Strong pulsations in the perinæum, loins, and right ring finger, at 4.30 P.M. (twenty-first day),[2].—Pain and smarting at the rectum, caused by the violent efforts required to expel the stool (thirty-third day),[3].—Pain of an acute character was referred to the anus, which on examination was found perfectly patulous and exquisitely tender to the touch. Two of the four patients had prolapsus ani, which was probably caused by the violent and ineffectual efforts to discharge the contents of the rectum. There had not been an evacuation of the bowels, nor had they passed water, except in drops and with extreme suffering, for six days. On introducing the finger into the rectum, which caused acute pain, it was found that the intestine was completely filled, to within an inch of the orifice, with a solid substance,[7].—Sense of contraction at the sphincter ani (third day),[3].—[**190.**] Great heat at the anus after a stool (twelfth day),[3].—Frequent urging to stool (twelfth day),[3].

Stool.—Diarrhœa,[8].—Scanty and difficult stool, consisting of small black balls, in the evening (second day),[1].—Difficult stool, consisting of small black balls (fourth and fifth days),[1].—Copious, liquid, greenish-yellow diarrhœa, in the morning (seventh day),[1].—No stool for five days (twelfth day),[1].—Ordinary stool (thirteenth and fourteenth days),[1].—Small hard stool (seventeenth day),[2].—Large hard stool, in small pieces (twenty-first day),[2].—[**200.**] Hard, knotty, and difficult stools, followed by renewed urging, with violent smarting at the anus (third day),[3].—Stools continue hard and difficult (twelfth day),[3].—Hard, difficult, and large stools (twenty-ninth day),[3].—Large hard stool (thirty-second day),[3].—Stool so painful

that the tears come into her eyes; the sclerotica is bloodshot from the violence of her efforts (thirty-second day),[3].—The stools are very difficult; it takes her a quarter of an hour to pass one incompletely and in fragments (thirty-second day),[3].—Large, hard, dry, and very difficult stools (thirty-third day),[3].—Incomplete stool, breaking off after half is expelled (thirty-third day),[3].—Hard, dry, large stool, requiring so much effort as to bring tears to her eyes (thirty-fourth day),[3].—Stools dark and offensive,[5].—[**210.**] Bowels obstinately constipated for several days,[9].—Costive bowels,[6].

Urinary Organs.—Region of bladder distended (sixth day),[7].—Difficulty in passing water (after one hour),[7].—Heat in the urethra after urinating (ninth day),[1].—Constant micturition while at stool (twenty-first day),[2].—Urine scanty and high-colored,[5 9].—Scanty urine,[6].—The urine deposits a yellowish sediment (ninth day),[1].—Reddish urine, seeming to hold mucus in suspension (twenty-fifth day),[2].—[**220.**] Soapy, pale-yellow urine (thirty-second day),[3].—Very thick urine, becoming loaded with white mucus some time after emission (twenty-fifth and twenty-sixth days),[3].—Turbid urine, becoming dingy yellow, and covered with an oily pellicle (thirty-third day),[3].—Turbid, dingy-yellow urine, depositing a copious whitish sediment (forty-first day),[3].—The urine deposits less, though still turbid (forty-seventh day),[3].

Sexual Organs.—Male. Weight in the left testicle all day, and in the evening, while sitting (eleventh day),[2].—***Female.*** Twisting pain through the uterus, at 9 P.M. (twenty-fourth day),[3].—Flatulence presses on the uterus (thirty-fourth day),[3].—Smarting and itching of the vulva, at 2 P.M. (thirtieth day),[3].—Violent itching of the labia pudendi, at 2 P.M. (twenty-seventh day),[3].—[**230.**] The menstrual blood is rose-colored, at 9 A.M. (fourteenth day),[3].—The menstrual flow is interrupted (fourteenth and fifteenth days),[3].—Menses too early (forty-first day),[3].—For five days the menstrual blood has had a very offensive smell, like spoiled fish (forty-first day),[3].—Discharge of black clotted blood (forty-first day),[3].

Respiratory Organs.—Hoarseness on waking (thirty-fifth day),[3].—Hoarseness on rising, which disappears immediately; it returns in the evening, but does not last long (forty-third day),[3].—Dry cough (nineteenth day),[1].—Cough, with yellow mucous expectoration, at night (eighteenth day),[2].—Dry cough, in the evening (thirteenth day),[3].—[**240.**] Awakened by a violent shrill cough, which lasts five minutes (twenty-second day),[3].—Cough, as from obstruction of the pharynx (twenty-second day),[3].—The cough is excited by sour eructations (thirtieth day),[3].—Dry cough day and night (thirty-fifth day),[3].—Dry cough on waking (thirty-seventh day),[3].—Dry cough for ten minutes, at 10.30 P.M. (thirty-eighth day),[3].—Dry cough, in the evening (fortieth day),[3].—Expectoration of black clotted blood, in the morning (forty-fourth day),[3].—Expectoration of yellowish lumps (forty-fourth day),[3].—Breathing soft but hurried, and at times interrupted, and on auscultation, the respiratory sound was much less distinct than usual,[5].—[**250.**] Constant involuntary sighing,[9].—After eating, choking and difficult breathing, caused by dryness of the mouth (sixteenth day),[3].—Suffocation, owing to the previous day's dinner not digesting well; she has to get up at 3 A.M. (sixteenth day),[3].

Chest.—Pressure on the chest (thirteenth day),[3].—Tearing in the chest and throat, immediately (first day),[3].—At the least movement she feels as if something hollow were turning rapidly round in the chest, with a rattling noise; she then feels like fainting away, at 8 A.M. (fourteenth day),[3].—Pricking, as with thousands of pins, on the right side of the internal surface

of the sternum (nineteenth day),[3].—Severe lancinating pain above the right breast, for two minutes, in the morning (twenty-third day),[3].—Painful stitch in the right side (after a few moments, first day),[1].—Acute stitchlike pain in the left side, preventing her from turning in bed (seventeenth day),[3]. —[**260.**] The breasts have been painful during the whole time of the proving; the pain is worse when moving the arms, and becomes seated at about the external border of the pectoralis major (thirty-eighth day),[3].

Heart and Pulse.—Heart. Weight, accompanied with pain in the region of the heart,[3].—Lancinations in the heart (fifteeenth day),[1].—Palpitation excited by the slightest movement,[9].—Violent beating of the heart when holding himself straight (eighteenth day),[2].—Palpitation of the heart, at 11 P.M., when lying down (fifth day),[3].—Palpitation of the heart, at 7 A.M. (sixth day),[3].—Palpitation of the heart, at noon (eighth day),[3].—Palpitation of the heart at three different times, at 11 P.M. (eighth day),[3].—Palpitation of the heart while in bed (seventeenth day),[3].—[**270.**] Palpitation of the heart, occurring three different times, in the night (twenty-fourth day),[3].—Violent palpitations and pulsations, with sensation as though the heart were turning around rapidly (thirty-fourth day),[3].—When trying to sing, violent palpitation of the heart prevents her from uttering a sound; her breathing is stopped, and she feels like fainting (forty-seventh day),[3].—Strong palpitation of the heart, with suffocation, and disposition to faint away (fiftieth day),[3].—Palpitation of the heart (fifty-first day),[3].—Strong palpitation of the heart after supper; it was irregular, stopping for a moment, and then returning with increased vigor, like a vessel suddenly uncorked; it was accompanied by suffocative attacks, which were relieved by lying down (fifty-second day),[3].—Palpitation of the heart all day, excited by deglutition; it is momentary, and felt in the upper part of the thorax (fifty-third day),[3].—***Pulse.*** Pulse 130, small and feeble,[9].—Pulse small and rapid,[5].—Quick feeble pulse,[4].—[**280.**] Quick pulse,[8].—Pulse weak and rapid (sixth day),[7].—Pulse rather agitated (seventh day),[1].—Pulse somewhat agitated (sixteenth day),[1].—Agitated pulse, in the morning (twentieth day),[2].—Agitated pulse (twenty-first day),[3].—Pulse much agitated (thirteenth day),[3].—Irregular pulse, sometimes weak, sometimes strong (thirteenth day),[3].—The pulse is hard and tense (thirty-seventh day),[3].

Neck and Back.—Neck. Swollen state of the muscles of the neck, shoulders, and arm, with pain so acute that the patient will wince on the slightest pressure,[8].—[**290.**] Sense of weight in the nape of the neck and the posterior cervical muscles, at 11.30 A.M. (fifteenth day),[3].—Stiffness of the posterior cervical muscles (fourteenth, sixteenth, and thirty-seventh days),[3]. —***Back.*** Severe pain in the back (after one hour),[7].—Pain, as from weariness, in the whole back and the posterior muscles of the thighs and arms (fifteenth day),[3].—Pain, as if sprained, all along the spine, and running down the posterior muscles of the lower limbs as far as the toes (twenty-third day),[3]. —Pricking when asleep, as if pins were thrust into the spinal marrow; this awakens her (thirty-third day),[3].—Strong pulsation in the vertebral region, in the morning when lying in bed (twenty-third day),[3].—***Dorsal.*** Pain between the shoulders, at 10 P.M. (twenty-fifth day),[1].—Smarting and painful sensation from the rubbing of the clothes against the fifth dorsal vertebra (fourteenth dry),[3].—***Lumbar.*** Intolerable pain in the lumbar region; she cannot hold herself up (twentieth day),[3].—[**300.**] Complains much of the pain in her loins (twenty-first day),[3].—The lumbar pain is so severe as to extort cries; she walks bent forward, at 11 A.M. (twenty-second

day),[3].—The lumbar pains are worse when stooping (twenty-second day),[3].—Walking is hindered by the pain in the lumbar vertebræ (twenty-third day),[3].—The pain in the loins is less (twenty-fourth day),[3].—Pricking in the lumbar muscles, at 6 P.M. (eighth day),[2].—Pulsation in the lumbar muscles, at 4 P.M. (thirteenth day),[2].—***Sacral.*** The sacrum is painful to touch and during a walk (sixteenth day),[3].—Sensation as though something would become detached from the sacrum (twenty-second day),[3].—Pressure, as from an iron bar, upon the sacro-lumbar articulation; this pain becomes so acute that she is forced to go to bed, where she feels better (twenty-second day),[3].—[**310.**] Acute pain, as if the sacrum was out of place (twenty-second day),[3].—The least movement causes a very severe pain in the sacro-lumbar articulation (twenty-second day),[3].—Formication at the sacrum (twenty-second day),[3].

Extremities.—Joints swollen and very painful,[9].—Sense of weariness in all the limbs on waking (fourteenth day),[3].—Inclination to stretch the limbs (fifteenth day),[3].

Superior Extremities.—The hairs under the axilla stick together (seventeenth day),[3].—Pulsation under the right shoulder, at 9 P.M. (tenth day),[2].—Pain, as if sprained, in the right shoulder-joint, after resting on the elbow, in the evening in bed (nineteenth day),[2].—Inability to raise the arms,[8].—[**320.**] Throbbing in the middle of the triceps brachialis, at 8.30 P.M. (fifth day),[2].—Acute pain in the right pectoralis major, when drawing breath (thirteenth day),[3].—(Cannot clench the hands), (thirteenth day),[3].—Stitch in the left little finger, at 7 A.M. (ninth day),[2].

Inferior Extremities.—Inferior extremities œdematous and hot on the surface, although the patient was exquisitely sensible to impressions of cold,[5].—Feeling as if sprained in the hip-joint, causing a pain in the uterus; it comes on after a slight effort (twelfth day),[3].—Pain as if sprained in the back part of the right hip-joint (fifth day),[2].—Pulsation in the left buttock, when sitting, at 4 P.M. (ninth day),[2].—Feeling of great weariness in the muscles of the right thigh, after walking; the right leg being not at all tired (fifteenth day),[2].—Pains in the thighs, above the knee-pan (fourteenth day),[1].—[**330.**] Pain in the left gluteus muscle, with nausea (twenty-second day),[3].—Violent semicircular pulsations in the lower portion of the vastus internus muscle, for an hour and a half, in the morning (twelfth day),[2].—When bending the knee, pulling pain in the posterior and internal muscles of the thigh (fifteenth day),[3].—Pulsation or throbbing under the skin above the knee-pan, in each leg alternately (fifty-second day),[3].—Œdematous legs,[6].—(Her legs tremble from hunger), (fifty-third day),[3].—Drawing pain in the back of the right leg, from the gluteus maximus to the heel (fifteenth day),[3].—Pain as if from penknife stabs in the posterior portion of the right leg (twenty-second day),[3].

Generalities.—A peculiar and most offensive odor was immediately perceptible on approaching their beds,[7].—Dull listless aspect,[4].—[**340.**] Languor,[6].—Great prostration and despondency,[9].—Little disposed to work, likes to lounge about (thirteenth day),[1].—Wants to go to bed, but is too lazy, at 10 P.M. (fourteenth day),[1].—Feeling of weakness; she has to stand still in order not to faint (thirteenth day),[3].—General weariness; has to lie down, at 12.30 P.M. (thirteenth pay),[3].—Indolence (thirteenth day),[3].—Everything is wearisome to her, she would like to go far away (fifteenth day),[3].—Weariness all over, on rising (fifteenth day),[3].—She can scarcely walk, and is afraid of becoming disabled (fifteenth day),[3].—[**350.**] Feels well all over (nineteenth day),[3].—Cannot walk erect (twenty-first day),[3].—

She walks bent over (twenty-third day),[3].—Disinclination for work, at 8 P.M. (thirty-third day),[3].—She is on the point of fainting; a glass of water brings her to (fiftieth day),[3].—She cannot remember either standing or sitting (twenty-second day),[3].—Bruised pain hindering her from moving in bed (fifteenth day),[3].—The pains are worse in the daytime and better in the evening (fifteenth day),[3].—Muscular pains excruciating,[9].—Pains in all the bones,[8].—[**360.**] Cold water gives her a shock, either when drinking or washing her face (thirteenth day),[3].

Skin.—Skin over the whole body tense, tumefied, and of a preternaturally dark color,[9].—Rose-colored patches appear and as suddenly vanish,[8].—Small red pimples on the cheeks (thirteenth day),[3].—The skin of the face peels off slightly (thirteenth day),[3].—Numerous small pimples all over the face (fifteenth day),[3].—Desquamation of the face (fifteenth day),[3].—Small pimples on the lower part of the neck and on the right knee; they are very red at the base with a white point at the centre; they disappear in an hour (fifteenth day),[3].—Small pimples on the back, causing a violent itching (ninth day),[1].—Very minute pimples with intolerable itching on the labia pudenda (sixteenth day),[3].—[**370.**] Vibices scattered over the limbs,[9].—An itching awakes her at 4 A.M. (twenty-fifth day),[3].—Itching of the back (eleventh day),[1].—Itching on the ball of the thumb, at 9 P.M. (seventh day),[2].

Sleep.—Drowsiness, at about 7.30 P.M., and very early waking in the morning (ninth day),[2].—Great drowsiness at about 8 P.M. (tenth day),[2].—Invincible drowsiness (thirty-third day),[3].—Starting during sleep (thirty-third day),[3].—Wakes very early, since the third day (seventh day),[2].—Wakes very early, in the morning (eighth day),[2].—[**380.**] Very restless, all night (nineteenth day),[2].—Restless sleep; she dreams of eating human flesh (eighth day),[3].—Very restless sleep (eleventh, fifteenth, and seventeenth days),[3].—Sleeplessness (thirteenth day),[3].—Sleeplessness; uninterrupted sleep (sixteenth day),[3].—Restless sleep (seventeenth, twenty-third, and thirty-fourth days),[3].—Disturbed sleep (eighteenth day),[3].—Very light sleep (thirty-fifth day),[3].—No sleep from pains of the joints,[9].—Dream about having to dress and sketch the body of a drowned man, which every now and then started up and fell back, either on his clothes or his drawing-board (third day),[1].—[**390.**] Dream about magic; men are changed before his eyes into talking beasts, etc. (ninth day),[1].—Dream about his daily business (sixteenth day),[1].—Dream about his hands being cut to pieces (twenty-sixth day),[1].—Dream about religious things (first day),[2].—Amorous dream, followed by a dream about women being changed into animals (second day),[2].—Dream about being afraid of falling from the top of a tower (eighteenth day),[2].—Dream about being afraid of falling from the roofs of buildings (nineteenth day),[2].—Very confused dreams (twentieth day),[2].—Confused dreams (twenty-first day),[2].—Lascivious dream (second day),[3].—[**400.**] Dream about witchcraft (third day),[3].—Dreams that she is swimming in a river and cannot get out (thirteenth day),[3].—Incoherent dreams (twenty-fourth day),[3].—Dream about a witch; about actors turning green, yellow, and black (twenty-fifth day),[3].—Dream about fire; then about a comedy (twenty-sixth day),[3].—Dream about persecutions (thirty-third day),[3].—Dream about revolution, and the destruction of a city by fire and sword (thirtieth day),[3].—She dreams about battle, corpses, and an immense pool of blood (forty-fourth day),[3].—She dreams about green men, covered with moss, and living in the water; these men change into dogs (forty-fifth day),[3].

Fever.—Chilliness. Rigors,[3].—[**410.**] Shivering coldness of the surface (sixth day),[7].—Rigors and internal feeling of cold, at noon (second day),[1].—Chilliness, with chattering of the teeth (fifteenth day),[1].—The falling of the rectum is accompanied by chilliness all over, lasting ten minutes (third day),[3].—Chilliness all over, every now and then, at 9 P.M. (twelfth day),[3].—Chilliness from time to time (thirteenth day),[3].—Rigors with burning heat, in the evening in bed (seventeenth day),[3].—Feels cold all over; cannot get warm at 5.30 P.M. (thirty-eighth day),[3].—Shuddering of the right leg (forty-second day),[3].—***Heat.*** *Pyrexia*, and afterwards nearly the same dropsical appearances as have been described in the case of her brother,[6].—[**420.**] Heat of skin intense,[9].—Hot skin,[5].—Great heat passing rapidly all over, at 3.30 P.M. (thirteenth day),[3].—Heat all over, with sweat (thirteenth day),[3].—Great heat all over, although the weather is cold and damp (fourteenth day),[3].—Great heat at night, disturbing sleep (fourteenth day),[3].—Alternate heat and chilliness at night (sixteenth day),[3].—Heat rising to the head from time to time (tenth day),[1].—Heat at the vertex, spreading all over, at 4 P.M. (thirteenth day),[3].—Heat in the face, at 4.30 P.M. (fifth day),[3].—[**430.**] Flushes of heat rising to the face, every now and then, especially while eating; followed by coldness (thirteenth day),[3].—Great heat of the cheek-bones and forehead, on going into the open air (fifty-second day),[3].—Great heat of the hands (fifteenth day),[3].—Burning hands, with somewhat agitated pulse (thirty-seventh day),[3].—Burning heat of the hands and all over (thirty-seventh day),[3].—***Sweat.*** Perspiration from the least work (eleventh day),[1].—Sweat all over, in the morning in bed (twenty-first day),[3].—Cold sweat at night, in bed (eleventh day),[3].—When in bed, the sweat smells like potatoes (thirty-seventh day),[3].

Conditions. — **Aggravation.** — (*Morning*), Epistaxis.—(*Afternoon*), 5 P.M., sneezing, followed by cough.—(*Smell of alcohol*), Headache.—(*Stooping*), Lumbar pain.—(*Cold water*), Shock.—(*Working*), Headache.

SPIGELIA.

Spigelia anthelmia, L.

Natural order, Loganiaceæ.

Preparation, Tincture prepared from the powdered plant.

Authorities. (Nos. 1 to 21 from Hahnemann, Mat. Med., 5.) **1**, Hahnemann; **2**, Becher; **3**, Franz; **4**, Gross; **5**, Gutmann; **6**, Hartmann; **7**, Herrmann; **8**, Hornburg; **9**, Kummer; **10**, Langhammer; **11**, Meyer; **12**, Stapf; **13**, Walther; **14**, Wislicenus; **15**, Bergius, Mat. Med., p. 97 (observation); **16**, Patrick Browne, Gentleman's Mag., 1751, p. 544, and Natural History of Jamaica, p. 156 (statements); **17**, Chalmers, on the Weather and Diseases of South Carolina, Lond., 1776, 1 p. 67 (observations); **18**, Linning, see Spigelia Marilandica; **19**, Martin, in Konigl. Vetensk. ak. Handlingar, f. a., 1771 (not accessible, Hughes); **20**, W. Wright, in Samml. br. Abh. f. pr. Aerzte XIV, III (Lond. Med. and Phys. Journ. VIII, 217, observations, Hughes); **21**, Sdin., from Helbig Heraklides, 1, 59; **21** *a*, Hg., ibid.; **22**, Sharp, Essays, effect of one drop of 1st cent. dil.; **23**, ibid., same dose; **24**, ibid., a third dose.

Mind.—Unnaturally joyful mood,[12].—Lively, quiet, and contented mood without care, with all the pains and troubles,[7].†—Lively, contented,

† For a long time before he was always solicitous and suspicious (secondary action, curative action).—HAHNEMANN.

and trustful mood, alternating with palpitation and anxious oppression of the chest,[4].—After the first day the mind was more active and lively than usual,[9].†—Uneasiness and apprehension ; could not remain anywhere,[1].—Could not enjoy himself with others, though at the same time he was not sad (after seven hours),[6].—He sits as if lost in thought, and stares at a single point (after three hours),[9].—Anxious forebodings, therewith inclination to a peevish, indolent mood,[2].—Anxiety and apprehensive solicitude for the future (after ten days),[14].—[**10.**] Deep thought about his future (after twenty-four hours),[10].—Sad and peevish (with redness of the face),[1].—Mood sad, at the same time very peevish,[11].—Sad mood, at the same time despondency and fearfulness (after half an hour),[13].—Gloomy mood for three hours, followed by a joyous and excited mood; gloomy again in the afternoon,[3].—Earnestness; he is vexed if one jokes in the least with him,[5].—Easily angered,[9].—He is very peevish and sensitive about everything that does not seem good, for many hours,[11].—Extreme ill humor, in the evening; he could kill himself, with chilliness of the body (after eight days),[1].—Mental indolence and great forgetfulness,[2].—[**20.**] Lack of attention,[5].—*Every work associated with mental exertion is difficult*,[7].—Does not talk willingly (after seven and a half hours),[11].—His memory seemed more trustworthy, and more active than before (after five days),[2].—*Great forgetfulness, loss of memory*,[11].—Weakness of memory; he cannot think of the things that he knows best,[1].

Head.—Confusion and Vertigo. Confusion and emptiness in the head, in the upper part of the forehead; the scalp is very sensitive to touch, and the hair seems to bristle (after three hours),[3].—Vertigo, as if he were intoxicated and had not a firm step (after fourteen hours),[10].—Vertigo; after standing a few minutes he is in danger of falling,[1].—* *Vertigo; whenever he looks down he thinks that he will fall over*,[1].—[**30.**] Vertigo; on looking in front of him he is in momentary danger of falling forward,[11].—Vertigo whenever he turns his head, in walking; but on looking straight ahead he feels nothing, in the open air (after five hours),[3].—Vertigo; while walking he staggered, as if he would fall to the left (after four hours),[10].—When walking he became dizzy; everything seemed to turn in a circle; he was obliged to stop; he seemed intoxicated,[1].—*Vertigo while sitting, standing, and walking (most tolerable while lying), the head sinks backward, with nausea at the palate, and discomfort in the abdomen and thorax; in the abdomen a pinching pain, with a sensation as if he would be obliged to go to stool, whereupon he loses all consciousness*,[7].—***General Head.*** Heaviness and pain in the head on shaking it,[1].—Dulness of the head,[1].—Dulness of the whole head (after half an hour),[5].—**Dulness in the whole head, together with* **a pressure from within outward, in the forehead** (after five days),[5].—Dulness in the whole head, in the evening; he seems quite confused,[3].—[**40.**] Painful dulness in the head,[12].—**Constant dulness in the head, so that every work associated with reflection was difficult*,[7].—Dulness of the head, especially of the right side,[21a].—The head seems stupefied, as after smoking strong tobacco (after half an hour),[13].—Sensation of emptiness, and dizziness in the head, as in intoxication, while sitting (after one hour),[6].—Pressure in the cerebrum and cerebellum, which, at the same time, causes dizziness,[11].—**Constant pressive headache, worse on stooping* (after thirty-five hours),[5].—**Sensation in the brain, as if the head were tightly bound*, lasting a

† Curative reaction.—HAHNEMANN.

long time (after twenty-eight hours),[5].—Headache like confusion,[1].—**Headache like a heaviness; on drawing the facial muscles it seems as though the skull would burst upward and asunder,*[1].—[**50.**] The headache is worse when lying down, better when walking,[11].†—The headache is worse in the open air,[5].—**Does not dare to shake the head; it hurts into the brain, and he becomes dizzy,*[1].—When speaking loud, or coughing, the head hurts as if it would press out,[1].—He does not dare to stoop; it then seems as if the brain spread out and would force out in front,[1].—A thrust like violent pressure in the head from without inward toward the middle of the brain, in one point, caused by every step when walking in the open air (after six hours),[6].—Sensation of swashing in the brain when walking,[11].—*Swashing in the brain when walking; he feels every step,*[5].—***Fine burrowing-tearing pain in the brain, especially violent in the left parietal bone, on motion, on walking, and especially violent on making a false step,** *towards evening; several evenings in succession* (after eleven hours),[7].—***Forehead.*** **Pain in the forehead,*[17].—[**60.**] Confused headache in the forehead and temples; at the same time a sensation of compression in both sides forward,[12].—**Boring headache in the forehead,*[5].—Pain, as if there were a heavy weight beneath the left frontal eminence,[4].—Pressure from without inward in the left frontal eminence, externally and internally in the brain at the same time,[7].—**Pressure from within outward, in the right frontal eminence* (after an hour and a quarter),[6].—** Violent pressure and pressing outward, in the forehead* (after two hours),[6].—**A pressing outward in the forehead, on stooping* (after three-quarters of an hour),[5].—**Pressure in the forehead, as if the brain would press out, momentarily relieved by pressure with the hand,*[11].—Pressive headache in the whole forehead,[8].—**Pressive headache from within outward, in the left side of the forehead* (after half an hour),[5].—[**70.**] Tearing pressure in the head, from the left frontal eminence to the occiput (after thirty-four hours),[7].—***Tearing pressure from within outward, in the frontal bone** (after eight days),[14].—*Tensive-pressive headache from within outward, in the forehead (after thirty-four hours),[5].—***Tensive-tearing pain in the forehead, especially beneath the left frontal eminence, extending towards the orbits** (after six hours),[4].—***Thrustlike-tearing pain in the forehead, worse in the right frontal eminence,** *that causes an involuntary fixing of the eyes on the object at which he is looking, while standing and sitting* (after twenty-seven hours),[6].—** Very violent tearing in the forehead, occiput, and temples,*[11].—***While taking the Spigelia, a shoot of pain through the forehead was felt,**[24].—Large pulsating stitches in the forehead from evening till morning, so that he could cry out; together with hammering in the ears,[1].—***Sharp sticking just behind and above the right frontal eminence,**[4].—***Burning pain in the right side of the forehead, extending to the eye, so that he could not turn it without pain,**[11].—[**80.**] **Burning pain in the left side of the frontal bone* (after thirty-one hours),[5].—A shaking and swashing in the forehead, even on moving the head,[11].—***Temples.*** Very violent pressure in the temples (after one hour),[6].—*Violent pressure from without inward, in both temples, especially in the right temple* (after fifty-six hours),[6].—Violent pressure in the right temple, gradually extending more and more (after two hours and three-quarters),[6].—Drawing pressure in the left temple frequently recurring,[9].—Tearing thrusts in the right temple (after fifty hours),[6].—A tearing pressure, and as the pain became a little better a dull sensation, as of a swelling in the left zygomatic process,[4].—

† Alternate action.—HAHNEMANN.

Jerking tearing in the right zygoma* (after thirty hours),[6].—Violent, fine stitches, as from electric sparks, in the left temple,*[8].—[**90.**] Burning in the left temple, externally,[5].—Burning headache in the left temporal region, and in the forehead,[8].—***Vertex and Parietals.*** *Pressive drawing in the right side of the vertex and occiput,*[7].—Violent pressive pain in a small spot in the crown,[5].—Itching crawling in the left side of the vertex (after thirty-two hours),[5].—**Pressing asunder headache in the right side* (after eighty-two hours),[5].—***A pressive pain in the right side of the head, involving also the right eye, in the morning in bed, but still more after rising; the pain was deeply seated, was unaffected by pressure, was very acute on motion; on suddenly turning the head the brain seemed to be loose; every jar, step, even straining at stool, aggravated the pain when present, or produced it when not already present,**[21a].—Pressive headache in the left half of the brain, immediately,[5].—Jerks and thrusts in the left side of the head (after fifty-four hours),[6].—Intermittent, contractive, tearing-sticking pain in a small spot in the left parietal bone, more posteriorly, seeming to be rather external,[4].—[**100.**] Slow tearing stitches in the left side of the head,[6].—***Occiput.*** The occiput is heavy and drags down like a weight,[1].—Drawing dulness in the occiput, in the evening, while walking in the open air (after ten hours),[3].—Pain in the occiput, as after a blow,[1].—Pain in the occiput, as though an artery were beating against an obstacle,[1].—The occiput is especially painful; cannot lie upon it,[1].—The occiput is painful to touch in the region of the crown, and even when not touched it is painful, as if ulcerating, and from time to time there is a dull sticking jerking, which seems to penetrate deeply into the brain,[1].—Violent pains in the occiput and nape of the neck, about 3 or 4 A.M.; it seemed stiff; in the morning he could not move the head till after he had risen and dressed, when the pains disappeared,[1].—Boring headache in the occiput and vertex, as if it were attempting to draw the head backward,[2].—**Burrowing and burrowing-tearing pain in the occiput, in the left side of the vertex and in the forehead, more violent on motion, as also on every loud noise, and when he speaks loudly, or even on opening the mouth slightly, most tolerable while lying* (after twelve hours),[6].—[**110.**] Most violent pressure inward in the left side of the occiput, during which he could not stoop without aggravating the pain, unless he pressed the hand hard against the painful spot,[11].—Intolerable bubbling pain in the occiput, violently increased at first on walking, afterwards by the slightest motion; most relieved by leaning backward while sitting; lying horizontally aggravated it,[11].—**Violent jerks in the occiput, and then in the temples on every step, while walking in the open air* (after twenty-eight hours),[6].—Pressive stitches in a small point in the left side of the occiput (after forty-nine hours),[6].—***External Head.*** (The scalp is covered with pimples),[1].—**The scalp is sore externally, and the hair is sore to touch,*[1].—**Sensitiveness of the whole head to touch, especially on moving the scalp,*[14].—The scalp seems contracted and tense,[9].—A crawling itching on the forehead that provokes much rubbing,[1].—Biting pain in the skin on the left side of the forehead (after thirty-four hours),[5].—[**120.**] Burning in the skin of the temple, in front of the right ear (after seventy-five hours),[5].—Burning in the skin of the right temple near the eye,[5].

Eye.—Objective. Yellow rings around the eyes,[9].—Redness of the white of the eye, with injected bloodvessels,[20].—Redness and inflammation of the white of the eye, in the morning; the lids are so heavy that he can scarcely open them,[3].—Much hardened mucus in the eyes, frequently all day,[1].—Great moisture in the eyes, without sensation,[1].—The eyes are very

weak, apparently with an internal impediment; wherever he turns them they remain, and he does not know what he is looking at, like one whose vision has vanished,[1].—The eyes seem dim and weak, with unchanged pupils,[2].—Eyes look dim and weak (after seven days),[14].—[130.] Eyes appear bright and sparkling, as they generally do before the eruption of small-pox or measles,[16].†—Eyes seem distended,[16].‡—***Subjective.*** ***The eyes hurt on motion, as if too large for their orbits,[11].—*He could not turn the eyes in all directions without pain,[11].**—**Pain in the eye,*[17].—Pain as if sand were in the eyes,[1].—Dry heat in the eyes in the afternoon,[9].—Burning pain in the left eye towards the temple (after thirty-three hours),[5].—Burning pain in both eyes, so that he was involuntarily obliged to close them, and could not open them for five or six minutes, with a feeling of anxiety as if he would never be able to open them again; on opening them after the pain had disappeared vision was prevented by a fiery sea of blood-red masses rising up, with lachrymation and great dilatation of the pupils; the vision returned (after fourteen days),[2].—Sensation as though the eyes were watering, which was not the case, with slight pressure in them; the vision, however, is just as much affected as in lachrymation (after twenty-six hours),[7].—[140.] **Violent burrowing stitch in the middle of the eye and in the inner canthus, that does not prevent vision, but presses the upper lid downward* (after seventy-four hours),[6].—Crawling in the eyes,[19].—***Brow and Orbit.*** Burning itching in the right eyebrow, relieved by scratching (after twenty-six hours),[5].—Burning pain in the left eyebrow,[5].—Swelling on the temporal side of the orbit, with pressive pain and painful soreness to touch,[1].—Dull pressure above the orbits (after ten minutes),[14].—Violent pressure above the right orbit, with a dull pressive pain in the whole head (after two hours and a half),[6].—Pain pressing from without inward, at the side of the right eye (after three hours),[6].—**Violent pressive pain in the bone of the left orbit,* on the temporal side near the malar bone, followed by swelling of the bone, which is sore to touch,[1].—**Pain as if the left orbit were pressed from above downward,*[4].—***Lid.*** [150.] Eyelids so relaxed and paralyzed that they hang low down and must be raised with the hand, with greatly dilated pupils,[15].—Sensation as if a hard substance were under the right upper lid, relieved by rubbing (after four days),[5].—Ulcerating and biting painful soreness of the margins of the lids,[1].—Pain as if the upper lids were hard and immovable; he could not raise them easily,[1].—Burning pain beneath the right eyelid (after three hours and a half),[5].—Burning pain in the right external canthus,[5].—Fine painful cutting as with a knife, on the margin of the left lower lid (after nine hours),[6].—Sticking pressure beneath the lids of both eyes (after two hours and a half),[2].—A very fine but painful sticking, like a needle-stitch, in the margin of the right upper lid (after twenty-three hours),[6].—Sticking pain in the right inner canthus (after eleven hours and a half),[5].—[160.] Some recurrent stitches in the left eyelids,[11].—***Lachrymation.*** Trickling lachrymation; much biting, acrid water runs from the eyes,[1].—***Ball.*** ***Intolerable pressive pain in the eyeballs, still more painful on turning the eyes; on attempting to look with the eyes turned he became dizzy, so that he was obliged to turn the whole head,[11].**—**Pressive pain in the eyeballs,*[1].—**A contractive burning pain in the right eyeball,*[5].—**Tensive pain in the left eyeball* (after forty-nine hours),[5].—**Constant sticking pain in the right eyeball, also on moving it* (after twenty-four hours),[5].—**Itching stitch*

† Hahnemann's s. 105, revised by Hughes. ‡ Original revised by Hughes.

in the right eyeball, that returned after rubbing (after one hour),[5].—Itching in the left eyeball, that disappeared on rubbing,[5].—***Pupil.*** *Pupils unchanged, but looking weak and dim,*[2].—[**170.**] Dilatation of the pupils (after a short time),[9]; (after a small dose),[15 17].—***Vision.*** Whenever he fixes his gaze vision vanishes,[1].—Farsighted; can see clearly at a distance but not near,[1].—He does not see as distinctly as usual, and when writing is obliged to make great effort, as if water were in the eyes,[7].—It constantly seemed as though feathers or hairs were in the eyelashes, or as if a fog were before the eyes; this sensation was aggravated by rubbing (after one hour),[6].—Impending amaurosis,[17].

Ear.—External. *Otalgic pain on the margin of the left concha* (after twenty-two hours),[6].—*Drawing pain in the antitragus of the left ear,*[4]. —Twitching in the right concha,[5].—Pinching pain on the posterior portion of the right concha (after three-quarters of an hour),[6].—[**180.**] Burning pain in the whole of the left concha,[5].—Burning pain in the right concha,[5]. —***Middle.*** Constant pain in the right ear, as if it would be pressed asunder (after fifty-nine hours),[5].—*Pressive pain within the right ear,* that extended to the whole malar bone and the right molar teeth (after fifty-seven hours),[5].—Pressing inward pain, gradually increasing in the auditory canal (after three-quarters of an hour),[6].—*Pressure as with a plug in the left ear* (after half an hour),[4].—Pressive pain in the left ear (after thirteen hours),[5].—Drawing pain in the left ear, extending towards the malar bone,[12].—Violent thrusting tearing in the right ear, several times,[6].—Jumping sensation, as from the swashing of water in the ears, on stepping suddenly (after a quarter of an hour),[3].—[**190.**] Recurrent paroxysms of jerking pain in the ear, extending to the eye and lower jaw (after twelve hours),[13].—Boring stitch within the right ear (after forty-nine hours),[5].—Boring dull sticking jerk within the ear, from time to time, that even shoots into the throat (through the Eustachian tube),[1].—Itching-prickling sensation in the right ear (after seventy-seven hours),[5].—Itching crawling in the right ear,[5].—Itching sticking in the left ear,[5].—Beating in the left ear,[5].—The ears seemed closed,[1].—Sensation as if the left ear were loosely stopped, though without difficulty of hearing (after half an hour),[7].—Closure of the ears, as with a finger, in the open air, when the wind blows into them (after five or six hours),[3].—[**200.**] Ears closed, in the evening, as if something were lying in front of the drum, which seems contracted (after fourteen hours),[3].—The ears seem stopped, even when she is not listening or not talking,[1].—***Hearing.*** The inner ear is painfully sensitive to loud noises (after several days),[14].—Difficulty of hearing in the left ear, as if the ear were closed with the finger, together with a fluttering noise in it (after two hours),[8].—Closure of the ear and loss of hearing on blowing the nose; on boring the finger into the ear it disappears and the hearing returns,[1].—Sound as if the wind were rapidly blowing across the left ear,[5].—Sudden crackling and roaring in the ears, extending into the forehead, and a wave-like pulsation in them; is obliged to hold the hand over the eye in order to obtain relief,[1].—Fluttering as from a bird in the ears, followed by a moist discharge and very clear hearing,[1].—When talking, ringing as of a bell in both ears, and re-echoing through the whole head,[1].—*Sensation of distant ringing in both ears, with a sensation as if the ear were loosely stopped or a thick mist were in front of it,*[7].—[**210.**] Roaring in the ears,[11].—Violent roaring and whizzing in the ears, especially in the evening,[1].

Nose.—Objective. Tetter-like eruption, with soreness to touch, on and in the right nostril (after twelve days),[7].—Frequent sneezing (after

four hours),[10].—Sneezing with discharge of bloody mucus, in the morning after waking,[12].—Catarrh like a catarrhal fever; he was hoarse and hot to touch, day and night; without thirst and without perspiration, with prominent eyes; with profuse fluent coryza; violent headache and weeping mood,[1].—Dry catarrh, after eating (after twelve hours),[10].—Sudden coryza, at first dry and after four hours fluent, lasting twenty-four hours,[1].—Fluent coryza,[21a].—*Mucus, at one time white, at another yellow, is discharged from the nose, at the same time also much mucus is discharged from the mouth* (after seven days),[7].—[**220.**] *Stoppage of the anterior part of the nose, with profuse discharge of mucus through the posterior nares into the fossæ, for eight days,*[7].—Nose stopped for several days,[4].—***Subjective.*** Disagreeable sensation as from an impediment in the root of the nose,[11].—Burning in the wings of the nose, provoking rubbing, but not relieved thereby,[21a].—*Tickling on the back of the nose, as if lightly touched by hairs, or as if a gentle wind were blowing across it, lasting a long time,*[4].—Sticking crawling in the nose, that obliges scratching, and then disappears for a short time,[5].—Itching boring in the right nostril, so that he was obliged to sneeze (after seventy-eight hours),[5].—When snuffing he had no irritation from tobacco in his nose,[2].

Face.—When she awoke from the midday sleep the whole face was swollen, puffy, pale, and looked as if she had had a severe illness, without pain, tension, or other distressing sensation; the swelling entirely disappeared only after six hours, but reappeared greater than ever the next morning after waking, but more about the eyes,[12].—The facial muscles seem distorted and swollen, in the morning on rising from bed,[3].—***Cheek.*** [**230.**] Dull pressure on the malar bone (after four days),[14].—**Burning pain in the right malar bone,*[5].—A fine stitch in the left cheek (after four hours),[5].—Burning pain in the left cheek, persistent (after twenty-seven hours),[5].—A violent drawing stitch, extending from the right upper jaw to the crown (after half an hour),[6].—***Lip.*** Burning in the upper lip,[1].—A blackish painless pimple in the red of the lower lip,[1].—*Constant burning tension in the upper lip, during rest,*[5].—*Burning in the right side of the upper lip, even on touch* (after fifty-two hours),[5].—***Chin.*** A great swelling on the left side of the chin, which itches during the midday nap (after twelve hours),[1].—[**240.**] (A tensive pain in the articulation of the jaw),[1].—Painful pressure on the right angle of the lower jaw,[4].—***Tearing in the lower jaw, extending to the ear and about it,** *as far as into the nape of the neck, so that he could not move the head without pain,*[1].—**Pain as if the right side of the lower jaw would be torn out of its joint,* only when chewing; when not chewing there remained a dull pain in the articulation of the jaw (after thirty-four hours),[7].

Mouth.—Teeth. Toothache, so that he was unable to sleep at night; it drove him out of bed; not during the day except just after eating, not while eating,[1].—**Toothache like a pressure outward,* worse when lying on the right side; while eating and drinking he noticed nothing of it, but immediately afterward the tooth began to ache again; the pains frequently woke him at night,[1].—***Toothache caused by the customary smoke, in the evening,**[1].—**Throbbing-tearing toothache, which is especially aggravated by cold water, disappearing on lying down,*[1].—Pain in the left molars,[21a].—Cramplike pain in the upper molars, so that when the mouth was closed the lower jaw seemed spasmodically pressed against them,[3].—[**250.**] Gnawing pain in a hollow tooth,[5].—Coldness of the upper teeth, with fine sticking jerking in them,[8].—Drawing pains in a hollow tooth,[12].—**Painful jerks in the nerve of a hollow tooth,* from the crown to the root, alternating with intervals of

about ten minutes, worse in the afternoon; pain aggravated by taking water or drawing air into the mouth; *tobacco-smoke seemed to relieve* (after forty-eight hours),[14].—**Intermittent jerking through both rows of teeth, but mostly in a hollow tooth* (after a quarter of an hour),[14].—Bubbling pain in a left back tooth (after twenty and twenty-four hours),[15].—***Tongue.*** **Tongue full of cracks*, so that it seemed as if it would scale off, which, however, disappeared the next night (after five days),[2].—Blisters with burning sensation when touched, now on the tongue, now on the palate (after four hours and a half),[2].—Tongue coated white,[1 11].—Tongue painful, as if swollen posteriorly, when chewing,[11].—[**260.**] Sensation as if the tongue were swollen posteriorly (after twelve hours),[11].—**Fine stitches in the right side of the tongue*,[5].—An itching-boring stitch from behind forward, in the right side of the tongue, with acid taste in the mouth,[5].—***General Mouth.*** Offensive odor from the mouth all day, noticed only by others,[5].—In the morning there was much mucus, at one time white, at another yellow, without special taste, in the fauces and mouth (after twenty-two hours),[7].—Burning pain on the palate,[1].—Excessive dryness of the mouth, in the morning, immediately after waking; it seemed as though the mouth were full of pins and needles, and as if stuck together, without thirst, even with much saliva (after twenty-four hours),[12].—***Saliva.*** *White frothy saliva of the ordinary taste collected in the mouth, which he was frequently obliged to spit out* (after sixteen days),[2].—***Taste.*** Insipid taste in the mouth, though food has a good taste,[5].—Bad taste in the mouth, and it seems as though there were a bad odor from the mouth,[1].—[**270.**] Offensive bad taste in the mouth,[1].—Does not relish his smoke,[1].

Throat.—Frequently the discharge of mucus from the posterior nares into the mouth was very perceptible, and of so large amount that he was obliged to hawk it up to avoid suffocation, on account of which he was awakened at night,[2].—The nasal mucus passes off itself only through the posterior nares into the mouth; on blowing the nose violently a very little exceedingly tenacious greenish mucus is discharged; at another time, the forepart of the nose is constantly dry (from sixteenth to twenty-sixth day),[2].—Frequent pressing stitch in the throat, in the region of the larynx, that at first was always fine, then more violent and coarser; on swallowing, it disappeared but immediately returned (after twenty-eight hours),[6].—*Much mucus is raised from the fauces all day, consisting mostly of a discharge from the posterior nares* (after twenty-four hours),[7].—Accumulation of saliva in the fauces,[3].—Swelling on the left side of the fauces and fine stitches while swallowing,[13].—Tickling itching in the pharynx, and a sensation as if a semifluid substance would rise from the pharynx into the fauces, associated with a hollow cough and with waterbrash, also violent, so that he was anxious and feared that he would faint, lasting three minutes (after four hours and a half),[5].—He was unable to swallow saliva, because it was always brought up again as by nausea; was obliged to spit it out,[2].—[**280.**] Cervical glands swollen,[1].

Stomach.—Appetite and Thirst. Very great desire to eat and drink for three days and a half,[6].—Total aversion to smoking and snuffing tobacco,[2].—Much thirst and no appetite,[11].—He has no desire to eat, but is very thirsty,[1].—Great thirst in the evening (after twenty-eight hours),[1].—Aversion to coffee and to smoking tobacco through the whole action of the medicine,[2].—***Eructations.*** Eructations,[10].—Eructations of only gas,[12].—Frequent eructations of gas always after eating,[1].—[**290.**] Sour eructations as far as the tongue,[11].—Empty eructations,[3].—***Nausea.*** Nausea,

as if he had fasted a long time, a kind of ravenous hunger, with nausea,[11]. —Qualmishness,[19].—***Stomach.*** Pressure in the stomach (after thirteen hours),[11].—Pressure in the pit of the stomach, as from a lump, that disappeared after pressure with the hand, and changed to pressure and tension in the chest,[8].—Pressure in the pit of the stomach, as if he would eructate and be relieved thereby, but no eructations follow until he has swallowed air,[11].—Pressure in the pit of the stomach, as from a weight lying upon it,[1]. —Stitches in the pit of the stomach during expiration, better while lying than while sitting and walking,[1].—Intermittent burning, sharp stitches near the left side of the pit of the stomach,[4].—[**300.**] Dull intermittent stitches two fingers' breadth to the left of the pit of the stomach (after one hour),[4]. —**Dull stitches in the pit of the stomach and oppression of the chest, worse on inspiration*,[4].

Abdomen.—Hypochondrium. Stitches in the hepatic region on walking rapidly and jumping, disappearing on walking quietly,[9].—***Umbilicus and Sides.*** Colic, as from a hard conglomerated swelling in the umbilical region, in the evening,[1].—Cutting colic in the umbilical region, several afternoons from 5 to 6, with chilliness, diarrhœa, and much micturition,[1].—Griping in the left side of the umbilical region (after ten hours),[11].—Dull stitches to the left of the navel on inspiration,[4].—When walking, a sticking near the left side of the umbilicus,[4].—Loud rumbling in the left side of the abdomen, afterwards also in the right side (after a quarter of an hour),[9].—Violent cutting in the abdomen, extending from both sides towards the middle, in the morning in bed, with emission of flatus without relief,[2].—[**310.**] Sharp ryhthmical stitches deep internally in the right side below the ribs, that cease when he takes a deep breath and return on expiration,[4].—***General Abdomen.*** Audible rumbling in the abdomen (after forty hours),[5].—Rumbling in the abdomen like the croaking of frogs (after four hours),[10].—Rumbling, as from flatus, here and there in the lower abdomen, now and then painful,[12].—Rumbling in the intestines before the stool, that occurred twice in the morning and once in the evening, thin and pasty (after six days),[14].—Flatus of the odor of bad eggs (after several hours),[9].—Distressing sensation of fulness in the abdomen after a very moderate meal,[12].—Griping in the abdomen, that extends like a stitch to the chest, with the emission of flatus (after eighty-four hours),[5]. —Griping in the whole abdomen when lying down, so violent that he could not rest (after forty-four hours),[5].—**Griping in the abdomen, as though all the intestines would be constricted, that caused great anxiety and made respiration difficult* (after four, and seven days),[6].—[**320.**] At one time griping, at another rumbling and gurgling, in the abdomen, and during every paroxysm of pain of this kind, desire to urinate, which was unchanged, though large quantities of urine were passed, for six days (after fourteen, and fifteen days),[2].—Violent griping in the abdomen, immediately followed by a soft stool, that constantly became thinner, which, however, was not effected without effort (after forty-nine hours),[5].—Wandering pressive griping in the abdomen, relieved after the emission of flatus, about 3 P.M., three afternoons in succession,[6].—A cutting and burrowing in the whole abdomen, that seems caused by sitting down and dependent on incarceration of flatus; is felt less painfully on rising from his seat,[4].—Pressive pinching pain in the abdomen,[5].—Pinching stitches in the abdomen, with emission of flatus, immediately followed by desire for stool (after half an hour),[5].—**Sharp stitches, like spleens, in the abdomen, in the region of the os innominatum, only when walking, and disappearing after thirty or forty steps*,[7].—Slight burning

in the whole of the abdomen, with tasteless eructations, as if mingled with some water (after two days and a half),[2].—During the emission of flatus, a sensation as if a thin stool would pass at the same time, which, however, did not happen,[22].—***Hypogastrium and Iliac Region.*** *Painful pressure in the lower abdomen, as if it would burst, especially in the evening before a soft stool, after which it was somewhat relieved* (after nine days),[14].—[**330.**] *Griping pain in the lower abdomen* (after eleven days),[2 7].—Sensation as if a great weight fell down in the lower abdomen; it seemed especially to fall down on inspiration (after three hours),[11].—Tearing drawings through the lower abdomen (after five days),[4].—Stitches in the lower abdomen, above the pubis, with stitchlike oppression of the chest,[1].—Cutting and sticking in the region of the abdominal ring; the intestines protrude and remain protruding, like a hernia (which formerly was seldom the case); the spot is painfully sore on touch,[1].—Bruised pain in the groins and on the upper portion of the inner side of the thigh, towards the perinæum, as after a long ride on horseback in one unaccustomed to it (after three, and four hours),[9].—A tensive pain in the right groin when touched,[1].—Boring-digging pain in the right groin,[5].—Dull stitch in the groin,[5].—Tensive stitch in the right groin only when walking,[5].—[**340.**] Boring stitch in the ilium,[5].—Dull intermittent stitches in the left side, just above the ilium,[4].—A burning stitch on the margin of the left ilium posteriorly, near the sacrum, on every inspiration,[4].—Itching biting, fine stitches in the muscles of the left os innominatum,[7].—Itching in the left groin,[5].

Rectum and Anus.—Pieces of thick mucus pass from the anus for two days; it seemed as though flatus passed; the evacuation was composed of masses like sheep-dung, and enveloped in mucus,[1].—A cramplike pressure and straining in the rectum, as if it were impossible to retain the stool (after three hours),[9].—Dull pressure in the rectum when not at stool,[5].—Crawling in the anus and rectum, as from threadworms (after one hour),[11].—**Itching in the anus and on the coccyx for many days*, with difficulty relieved by scratching,[5].—[**350.**] Itching in the anus, disappearing on scratching (after four hours and a half),[5].—**Boring stitch in the perinæum* (after thirty-seven hours),[5].—Ineffectual urging in the abdomen for a long time after a complete evacuation,[1].—Frequent urging to stool, but he was unable to pass anything (after four days),[2].—Ineffectual desire for stool, after which the urging ceases,[12].

Stool.—Diarrhœa for two days, thin stools mixed with some tenacious yellow mucus, two to four times a day, at irregular intervals (after three days),[2].—Thin watery stools twice a day (after sixteen days),[2].—A loose evacuation (after two hours),[22a].—Fecal evacuation, the first of which was hard, the last thin, the evacuation followed by two pressive thrusts from within outward in the forehead (after twenty-six hours),[5].—White stools daily,[1].—[**360.**] Nodular stool, with violent pressure,[21].—No stool (first day); a hard stool (second day); evacuated only after great efforts (after a repeated dose),[5].

Urinary Organs.—*Prostatic fluid presses out of the orifice of the urethra* (after twenty hours),[6].—Burning stitch in the urethra, with urging to urinate (after fifty-nine hours),[5].—Desire to urinate, as after taking diuretics,[8].—Frequent desire to urinate, with passage of much urine without any difficulty (after three hours and three-quarters),[10].—Obliged to urinate frequently and profusely (after three days),[5].—Urinates ten times, a large amount of urine, in one night, with pressive pain upon the bladder, which always disappears after the urine has passed (after twelve hours),[1].—

(Spurting of urine on external pressure on the bladder),[1].—Sudden and involuntary dribbling of five or six drops of urine four times in succession, in the afternoon on rising from a seat; the dribbling was at times followed by burning in the forepart of the urethra,[1].—[370.] During the night the urine passes with difficulty, and is followed by burning,[1].—Evacuation of much urine twice in succession, though he had urinated just before taking the drug (after one hour and a half),[5].—Frequent and profuse secretion of urine for three days and a half,[6].—Urine watery (after two hours and a half),[11].—Urine deposits a whitish sediment for several days,[6].

Sexual Organs.—*Frequent erections without internal physical sexual excitement, though with voluptuous thoughts* (after seventeen hours),[6].—Swelling of half of the glans penis (after seven days),[1].—Crawling about the glans penis every day,[1].—Itching on the scrotum (after four days),[5].—Burning stitch in the right testicle and penis,[5].—[380.] *Itching stitch in the right testicle and penis from behind forward,*[5].—Itching stitch in the left testicle (after fifty-one hours),[6].—Emission, with a lascivious dream (very unusual), in the morning shortly before waking, without subsequent exhaustion,[12].

Respiratory Organs.—Cough and Expectoration. Cough in the morning after the coryza had mostly disappeared (after forty-eight hours),[1].—Cough and catarrh at night,[1].—Very sudden violent cough, caused by water getting from the mouth into the trachea,[3].—Short dry cough, causing soreness in the chest, in the open air,[3].—Cough dry, violent, hollow, caused by an irritation low down in the trachea, especially provoked by stooping; the cough takes away his breath,[1].—A kind of suffocative cough, as from a large amount of water running down the air-passages,[3].—***Respiration.*** Respirations 10 and deep (after five minutes); 8 and deep (after ten minutes); 6 and deep (after fifteen minutes); 8 and deep (after twenty minutes); 10 and deep (after twenty-five minutes); 14, no longer deep (after thirty minutes); 16 (after thirty-five minutes); 17, natural (after sixty minutes). Taken by surprise by the slow and deep breathing, which was in fact a process of slow and deep sighing,[24].

Chest.—[390.] *Violent pressure upon the chest beneath the left clavicle,*[4].—Excessive hard pressure upon the whole chest towards evening,[3].—Pressure, and at the same time drawing, in the chest while standing,[3].—(Pressive pain in the whole chest after hawking and clearing the throat),[1].—*Tearing constriction in the pectoral muscles while standing,*[4].—Drawing together in the chest, with sticking, so that he could not get his breath,[1].—Sensation of excessive hunger in the chest, with accumulation of saliva in the mouth posteriorly (after four hours),[3].—Alternations of pain in the chest,[11].—**Tearing constriction in the lower portion of the chest, above the pit of the stomach, with oppression; afterwards, also, the same pain in the upper part of the chest, beneath the pit of the throat, with palpitation,*[4].—*Cutting constriction in the chest, with anxiety,*[4].—[400.] A jerking-sticking pain in the upper part of the chest below the axilla (after fifty-five hours),[6].—Sticking from within outward in the chest when not breathing; he cannot breathe easily,[1].—An itching stitch beneath the clavicle,[5].—A stitch from within outward transversely through the chest, mostly in the sternum, in all positions,[11].—Boring stitch in the region of the diaphragm, in the right side, persistent during inspiration and expiration,[5].—A pinching stitch in the left side of the diaphragm so violent that it took away his breath, so that he was obliged to remain standing (after two hours and three-quarters),[5].—***Front and Sides.*** Pressure above the ensiform cartilage

while standing,[3].—*Violent painful, distressing pressure upon the middle of the chest,*[4].—Sudden drawing, fine-sticking pain near the sternum, extending downward,[8].—A sudden fine-jerking pain, as from electric sparks, in the forepart of the chest,[8].—[**410.**] Violent pain, as from a sprain, in the upper and left side of the chest only on turning the body to the right side, on making a false step, or on turning the left arm, lasting a day (after seven days),[6].—A painful bruised sensation in the first four ribs of the left side during the stool and when straining at stool, that always disappears after the evacuation,[2].—*Dull stitches in the right side of the chest, lasting only during inspiration* (after two hours),[5].—Stitches, as with fine needles, in the right side of the chest (after five hours),[10].—Tensive stitch in the right false ribs, always persistent during expiration,[5].—Tense persistent stitch in the right chest, worse on inspiration and expiration,[5].—Tensive drawing stitch in the right true ribs, continuing during inspiration and expiration, aggravated by external pressure,[5].—A momentary violent sticking pain in the left side of the chest, towards the clavicle, preventing respiration, in the evening (after twelve hours),[12].—Constant tensive stitch in the right side of the chest and abdomen, continuing during inspiration and expiration, worse while walking, lasting two hours (after eighty-two hours),[5].—* *Violent stitch in the left side, just beneath the heart,* that in a short time changes to a kind of crawling; afterwards the stitch returns just as violently (after three-quarters of an hour),[6].—[**420.**] Several stitches beneath the left ribs, in the evening, bending him over,[1].—**Dull sticking at the point where the beat of the heart is felt* (after fifty-six hours),[4].—**Recurrent dull stitches rhythmical with the pulse at the point where the impulse of the heart is felt, or rather more externally* (after three hours),[7].—Tensive boring stitches in the left chest, countinuing during expiration (after fifty-seven hours),[5].—Tensive stitch in the left chest, more violent on expiration (after twenty-seven hours),[5].—A dull stitch in the left side of the chest, lasting during inspiration and expiration,[5].—An itching stitch in the left pectoral muscles (after ten hours),[5].—*Tearing-boring pain, extending from within outward, beneath the right nipple; the pain always extends to the sternum, and becomes a sharp pressive-tearing pain* (after two hours),[7].—Cutting-tearing pain that begins beneath the left nipple and extends to the region of the scapula and upper arm, violent only on inspiration and deep breathing (after eleven hours),[7].—*Dull sticking-pinching pain beneath the right nipple, in the thorax, extending from within outward, violent only on inspiration* (after eight days),[7].—[**430.**] Sharp stitches from without inward above the left nipple, recurring at various intervals, while writing, when he sat bent over; on becoming erect they suddenly disappeared (after thirty-one hours),[7].

Heart and Pulse.—Heart. Dull oppressive stitches at the heart, between the place where the beat of the heart is felt and the pit of the stomach; also some sticking in the pit of the stomach and above it, and oppression of the chest,[4].—***The palpitation was constantly aggravated by sitting down and bending the chest forward,**[4].—**Palpitation in the morning, after rising while sitting,* **with anxious oppression; the heart seemed to be in tremulous motion,**[4].—***In the morning, as soon as he sat down after rising from bed, the heart began to beat violently, and above the point where the beating was felt there seemed to be a painfully oppressive weight upon the chest, which caused oppression; together with cutting and digging in the lower abdomen, as from incarcerated flatus, which continued longer than the palpitation,**[4].—* *On taking a deep inspi-*

ration, and on holding the breath, the anxiety increased; **there was an attack of palpitation and oppression of the chest, the heart beat more violently, and the palpitation was even felt by the hand at the pit of the stomach,**[4].—***Palpitation and anxious oppression of the chest,**[4].—***Unusually violent beating of the heart, so that he frequently could hear the pulsation, or so that the beats could be seen externally through the clothes,**[7].—***Pulse.*** **Pulse weak and irregular, at one time rapid, at another slow* (after seven hours),[7].—Pulse usually 72, was at the time of the morning fever only 54 (after twenty-four hours),[4].—[**440.**] Pulse 77 (before taking); 79 (after two minutes); 78 (after five, ten, fifteen, and twenty minutes),[23].—Pulse 77 (before taking); 76 (after one minute); 75 (after four minutes); 78 (after eight minutes); 77 (after ten, twelve, and twenty minutes),[23].—Pulse 78 (before taking); 80 (after two, and five minutes); 82 (after ten minutes); 84 (after fifteen minutes); 80 (after twenty minutes); 79 (after twenty-five, and thirty minutes); 78 (after thirty-five minutes); 77 (after sixty minutes),[24].

Neck and Back.—Neck. After stooping for a while it seemed as though he could not raise the head again on account of pain in the nape of the neck,[1].—Pain in the nape of the neck, in the morning after rising from bed; if he keeps it still it hurts as if asleep; was also obliged to move it constantly, because during motion it did not hurt,[1].—Intermittent drawing in the posterior cervical muscles, and up to the occiput,[3].—Sensation of paralysis in the left side of the neck, which, however, did not hinder motion of the head, and soon disappeared (after one hour),[6].—Sticking pain in the right side of the neck; on swallowing, sticking in the parotid gland and within the ear itself, something between an earache and a throatache,[1].—***Back.*** *Bruised feeling in the spine, even during rest* (after thirty-eight hours),[5].—Needlelike stitches in the back, extending to the left side while walking (after twelve hours),[16].—[**450.**] Twitching in the dorsal and costal muscles,[5].—Sensation in the left scapula, as though blood were dropping through a valve, a kind of bubbling (after a quarter of an hour),[14].—Itching stitch in the right dorsal muscles,[5].—Needlelike stitches in the upper dorsal vertebræ (after thirty-two hours),[5].—Stitches in the back, opposite the heart,[4].—Sharp stitches in the right scapula, recurring at regular intervals,[7].—Dull boring stitching in the left scapula (after seventy hours),[5].—Stitches in the small of the back, worse during inspiration and expiration, while sitting (after two hours and a quarter),[5].

Extremities.—Trembling of the lower, and afterwards of the upper limbs,[8].—Constant uneasiness in all the limbs at night; he was constantly obliged to move them from place to place; at one time to bend them up, at another to stretch them out, on which account he could not get a moment's sleep (after ten hours),[1].†—[**460.**] Great heaviness in the upper and lower limbs; could get his breath only with difficulty after going upstairs,[11].—Writing is difficult on account of great heaviness in the arm; walking is difficult on account of great heaviness in the lower extremities,[11].—Tearing in the limbs, either immediately above, or somewhat below the joints, in the loins, as if they were scraped,[11].—*The limbs are affected, mostly when walking; the spine feels bruised,*[5].—When walking he feels every false step; a painful shooting through all the limbs,[1].

Superior Extremities. **Trembling of the upper limbs,*[8].—The arm frequently falls asleep when writing, so that he cannot hold the pen,[1].—

† These symptoms were removed in a short time by gold.—HAHNEMANN.

Shoulders. Some jerks in the muscles of the right shoulder,[5].—Twitching on the top of the right shoulder,[5].—The left shoulder and arm hang down, as if heavy, while walking, with tension on the forepart of the upper arm,[3].—[**470.**] Pain, as if sprained or beaten, in the shoulder-joints, and in the first joints of the thumb and index finger,[1].—Tensive pain in the left axilla during rest (after thirty-eight hours),[5].—Burning pain in the left axilla (after thirty-one hours),[5].—Fine itching-biting stitches in the left axilla, towards the forepart (after one hour and a half),[7].—***Arm.*** Sensation of heaviness in the right upper and forearm, while at rest, and even on slight motion, when raised (after three hours),[6].—Drawing pain in left deltoid, more violent on hard pressure,[7].—Cutting drawing across, above the deltoid muscle,[3].—Twitching in the muscles of the left upper arm (after seven hours and a half),[5].—Tearing pressure on the middle and inner side of the upper arm, worse when touched,[7].—***Elbow.*** Itching pains, like needle stitches, in the bend of the right elbow, obliging scratching (after thirty-five hours),[5].—[**480.**] Itching stitch in the tip of the left elbow (after eleven hours),[5].—Violent stitches in the bend of the elbow and in the fingers,[1].—***Forearm.*** Pressive pain in the right forearm,[5].—*Twitching in the muscles of the left forearm just above the wrist, only during rest* (after fifty-five hours),[5].—*Pressive pain above the right wrist, during rest* (after thirty-four hours),[5].—Violent sticking-cutting pains above the left wrist, on moving the index-finger while holding the arm firmly against the body (after forty-five hours),[6].—Pain in the right forearm, as though both bones were pinched between pincers, during rest (after twenty-two hours),[6].—Some sticking jerks above the wrist,[1].—Boring stitches in the right forearm (after fifty-two hours).[5].—***Hand.*** The hands are pale yellow, as after a long illness,[11].—[**490.**] Trembling of the hands on taking hold of anything, with weakness and prostration in the whole body (after thirteen days and a half),[2].—Involuntary drawing in the tendons of the left hand, so that all the fingers were bent, with spasmodic pains in the hollows of the hands,[5].—Drawing pain transversely through the metacarpal bone,[3].—The hands fall asleep while they are resting, with crawling in the tips of the fingers, disappearing on wetting them, and taking firm hold of anything,[2].—Cramplike pain transversely through the left metacarpus, extending from the side of the thumb to that of the little finger, as though the whole hand were squeezed together (after six hours),[10].—Rhythmical tearing in the joints of the left hand, that at times extends into the metacarpus, almost a cramplike tearing in the palm of the hand, though with perfectly free motion,[4].—Some sticking jerks near the first joints of the fingers,[1].—Boring crawling in a small spot in the palm of the right hand (after seventy-nine hours),[5].—A crawling in the hands, as though they were asleep on compressing the hand (after twelve hours),[14].—Fine tearing in the metacarpo-phalangeal articulations (after forty hours),[7].—***Fingers.***—[**500.**] *Painful drawing on the first joint of the thumb where it unites with the metacarpal bone,*[1].—Paralytic pain in the right index finger,[6].—Pressive tearing in the tip of the left little finger (after forty-eight hours),[7].—Rhythmical tearing in the fingers of the right hand (after twelve hours),[4].—*Tearing pain in the phalanges of the right thumb* (after seven days),[7].—Burning pain on the joint of the left thumb,[5].—Burning pain on the back of the first phalanx of the little finger (after seven hours and a half),[5].—Itching sticking in the tips of the fingers (after ten minutes),[14].—Dull, bubbling stitches in the tips of the fingers, as if they had been frozen (after a quarter of an hour),[3].

Inferior Extremities.—Great weakness in the lower extremities, especially in the thighs, as far as below the knees, as after violent running, even while sitting,[8].—[**510.**] The lower extremities seem heavy, a tingling in them; could only slip along with difficulty; walking was very difficult,[1]. —***Hip and Thigh.*** Drawing pain in right hip and muscles of right thigh,[2].—Tension in muscles in anterior surfaces of thighs, only when walking,[4].—Tension in the right thigh, while sitting (after thirty-six hours),[5]. —Tensive pain in the left gluteal muscles, while walking (after five days),[5]. —Bruised pain in the anterior muscles of the thighs, only when walking,[1].— Pressive pain in the right thigh, aggravated by pressure (after five hours and a half),[5].—Pressive tearing in the left thigh, externally, extending from the knee to the pelvis, as if in the periosteum; when pressing immediately upon the bone the pain was aggravated (after eleven days),[7].— *Drawing tearing in the right thigh, while sitting* (after twenty-nine hours),[6].— *Persistent tensive stitch in the left thigh, while walking, that ceases on standing, and afterwards returns, on sitting* (after four days),[5].—[**520.**] Intermittent burning sharp stitches in the muscles below the neck of the left femur, externally and posteriorly, in a small spot, while sitting, a little relieved by rising; but on sitting down again more violent than before[4].—*Persistent itching stitch on the left thigh,*[5].—***Knee.*** Digging and great uneasiness in the left knee, on account of which she could not sleep, but was obliged at one time to bend it up, at another to stretch it out and move it from place to place (after four hours),[1].—The knee is painful to touch, as if beaten,[1].— Bruised pain on the inner surface of the knee-joint on bending the knee,[1]. —Boring pain above the right knee, only during rest,[5].—Pressive pain above the right knee, while sitting, that disappears on motion (after a quarter of an hour),[6].—Compressive pain in the knees, mingled with drawing and sticking; the longer he walks the worse the pain becomes,[1].—Some jerks in the patella,[1].—A tearing tension on the outer side of the left knee-joint on every step, on going upstairs (after seventy-six hours),[4].—[**530.**] *Tearing pain, like a sprain, in the left knee, only when walking, so that at times he limped, since he could not bend the knee as usual,*[7].—Sharp deep needlelike stitch in the right patella, while sitting,[4].—Tensive stitch in the left patella, during rest (after four days),[5].—Sharp needlelike stitches pass through the middle of the knee on bending it, interrupted only for a moment when walking (after five days),[6].—***Leg.*** A transient sensation of heaviness in the right leg, while sitting (after nine hours),[6].—Drawing in the legs, extending downwards, with a sensation of warmth, or a sensation as if warmth had penetrated them; then also the feet were warmer,[1].— Sneezing causes a movement from above downward through the leg, almost like a tremulous chilliness,[4].—Itching digging in the left tibia below the patella, during rest,[5].—Cramp in the left calf (after eleven hours),[5].— Digging pain in the right calf on the inner side, more violent when walking,[5].—[**540.**] Sensation as though the blood were dropping through a valve in the right calf; a kind of bubbling (after a quarter of an hour),[14]. —Tensive drawing in the left calf, when walking,[5].—*Stitches in the calves, with jerking and pulsation in both patellæ if the knees are held stiffly outstretched* (after thirteen days),[2].—Crawling in the calves,[1].—***Ankle.*** A hard pressure, as from a hard stone in the ankle, together with drawing in it, while standing,[3].—Acute pain in the left ankle when stepping upon it, in the morning,[21a].—Smarting drawing, associated with soreness, in the ankles (after four hours),[3].—Burning pain above the right inner malleolus (after thirty-seven hours),[5].—Some sticking jerks above the ankle,[1].—A

fine boring stitch in the right inner malleolus, during rest (after thirty-three hours),[5].—***Foot.*** [**550.**] Pain on bending the foot up and down, as though the tendons about the ankle were too short; a cramplike sensation (after ten hours),[6].—Pressive digging in the right foot above the toes, only during rest,[5].—Intermittent tearing in the left foot, just above the toes,[4].—Intermittent tearing in the left metatarsal bone (after twelve hours),[4].—Jerking tearing on the back of the foot (after forty-five hours),[6].—Burning pain in the back of the left foot (after fifty-six hours),[5].—Itching-boring stitch on the back of the right foot, during rest, so that he cried aloud (after seventy-nine hours),[5].—Soles of the feet painful, as if suppurating, in the morning on first stepping upon them,[1].—When stepping, a sensation in the sole of the left foot, as though the parts were too tense and short, causing a sticking pain (after twenty-nine hours),[6].—Violent stitches in the sole of the left foot, while sitting (after four days),[6].—[**560.**] An itching stitch in the sole of the right foot, persistent during motion,[5].—***Toes.*** A crawling creeping in the tips of the right toes, only during rest (after fifty-three hours),[5].—Fine tearing in the muscles of the left toes (after ten days),[7].—Boring-itching stitching in the balls of the second and third toes,[5].—Itching stitch in the second right toe,[5].

Generalities.—Convulsions followed by death,[17].†—**Weakness in the morning, on waking*,[1].—**Great weakness of the body, after walking*,[2].—Overpowered by great weakness, when hungry,[1].—When walking in the open air, he was at first strong and vigorous, but soon became weak and weary, especially in the muscles of the thigh, with anxious pressure upon the chest, so that he would have been glad to eructate but could not, followed by desire for stool and emission of flatus, with relief in the abdomen (after five hours and a half),[3].—[**570.**] So weak and prostrated after slight exertion that he thought he was near his end (after twenty-four hours),[2].—Weakness while walking, standing, and lying, it is almost impossible to take the least thing in the hands or even to dress himself,[11].—Great weakness, in the morning; all the limbs so fatigued that he could move them with difficulty (after seven days),[14].—Great weakness, especially noticed on going upstairs (after two hours),[9].—Great weakness of body and mind, especially after standing,[1].—Weariness, in the morning; soon after rising from bed he could not prevent falling asleep again, while sitting (after seven days),[14].—Very sensitive to cold air,[2].—**Great sensitiveness of the whole body to touch; if he knocks against any part there is a sudden painful crawling through the whole body to the head*,[11].—**Painful sensitiveness of the whole body to touch; the slightest knock in any part causes pain, and like a shuddering about the place; even on stepping an unpleasant shattering in the body* (after three days),[14].—He felt very sick and anxious, in the evening, in the open air, with internal heat, and was obliged to hurry to the house, but even there did not feel especially better (after eleven hours),[3].—[**580.**] The whole body does not feel well; heaviness and lassitude in the limbs, with disinclination to work, though without a despondent mood (after six days),[5].—Everything hurt him as if he were bruised, and on rising from a seat he was dizzy and unsteady on his feet as if reeling,[1].—Needlelike stitches in many parts of the body on going upstairs (after a moderate dose),[7].—All the symptoms are worse, in the afternoon,[1].

Skin.—Objective. Several small pimples on the chin containing pus, almost without sensation, even when touched (after four hours),[11].—

† In two lusty children.—HUGHES.

Some red pimples on the neck painfully sore to touch (after five days),[14].—A red papular eruption on the neck painfully sore to touch (after ten days),[7].—A hard red papular eruption in a spot where the day previous there had been burning itching in the palm of the left hand, that continued several days, with a burning-itching sensation,[14].—On the right middle finger, a pimple that is painless by itself, but on pressure it exudes yellow pus, and disappears the next day (after seventeen days),[2].—Small elevations like hives on the lower extremities, after scratching,[5].—[590.] An elevated growth like a wart, without sensation, on the second left toe, it disappeared after three days and left a white scar (after three days),[2].—A wartlike growth on the second left toe, with biting pain; pressure of the shoe caused burning pain as in a corn; it left a thick white scar (after seventeen days),[2].—***Subjective.*** *Itching in the right concha* (after thirty-six hours),[5].—Itching in both ears externally at the same time (after five days),[5].—Itching over the whole right side of the nose (after thirty-five hours),[5].—Itching on the right wing of the nose,[5].—Itching on the back, left scapula, not relieved by scratching,[5].—Itching in both axillæ, especially in the left (after thirteen hours),[5].—Itching on the right forearm (after five days),[5].—Burning itching in the middle of the palms (after twenty-four hours),[14].—[600.] Itching in the palms of the hands and tips of the fingers, as if they had been frozen,[3].—Constant biting itching in both thighs as if an eruption would form, not relieved by scratching, not noticed at night in bed,[5].—Crawling itching on the right thigh, disappearing on scratching,[5].—*Itching in the skin, more on the thigh than on the leg, frequently returning after scratching* (after eleven hours),[5].—Itching on the back of the left foot during rest, not relieved by scratching,[5].—Itching crawling in the sole of the right foot (after seventy-seven hours),[5].

Sleep.—Sleepiness. Yawning, without sleepiness,[11].—Almost incessant yawning, immediately,[1].—Drowsiness,[17].†—Irresistible sleepiness, in the evening, so long as he was up, but after lying down he could not sleep for a long time,[6].—[610.] Frequent desire to sleep, which he could resist,[2].—Irresistible desire to sleep all the forenoon, with yawning (after two hours),[6].—Sleepiness with yawning, as if he had not slept enough (after five hours),[10].—Sleep,[16 20].‡—A very unusually long midday nap, and on waking he could not persuade himself to rise but kept falling asleep again,[12].—Such great sleepiness in the morning that his head fell forward, he was obliged to close his eyes (after two hours and a half),[9].—Heavy and stupid sleep,[15].§—Sleep at night with many unremembered dreams,[3].—***Sleeplessness.*** Every night no sleep before midnight, though without pain,[1].—*After lying down he remained awake for into the night; could not fall asleep*,[4].—[620.] Restless sleep,[11].—*Sleep very restless, with frequent waking*, full of anxious frightful dreams, for example, that lightning had struck off his shoulder,[1].—Sleep very uneasy, disturbed by vivid unremembered dreams; the sleep was late on account of great mental activity; after midnight he woke frequently, tossed about, and was in a half waking condition,[12].—Sleep very restless, tossing from side to side, with vivid dreams of fire and quarrels, and about 1 o'clock he thought it time to rise,[5].—Sleep unrefreshing; in the morning he was more weary than in the evening on lying down,[1].—***Dreams.*** *Confused dreams in which he seemed so*

† Revised by Hughes.
‡ Brown says, "as from Opium."—HUGHES.
§ From the smallest dose, as stated.—HAHNEMANN.

busy that in the morning he felt weary; he could either indistinctly or not at all remember his dreams,[7].—Vivid dreams of well-known past occurrences; long dreams of one and the same subject,[9].—Very vivid anxious dream of a great fire and ghosts,[5].—Anxious dreams at night,[11].—Dreams at night, which he only indistinctly remembers,[14].—[**630.**] Voluptuous dream, with emission, without erection,[5]. — Lascivious dreams, with emission (first night),[5].

Fever.—Chilliness. *Chilliness every morning, after rising*,[7].—*Chilliness in the morning when rising, and at noon (five hours afterwards) heat, mostly on the trunk, though greater on the face, with redness, without special thirst, five days in succession at the same hours*,[7].—*Chilliness every morning after rising, coming and going for two hours*,[7].—Shaking chill in the morning without thirst, with considerable lightness of the movements of the fingers and mental activity,[3].—*Sudden creeping chills every morning*, at one time only in the feet, at another only in the head and hands, at another on the back or chest and abdomen, at another over the whole body, without thirst (after seventy-two hours),[4].—Chilliness, immediately on going to bed in the evening, afterwards violent sweat, of a bad odor, so that he became wet all over,[11].—*Chilliness of the whole body, without thirst, only in the morning* (after two hours); *several mornings in succession, recurring at intervals and extending from the feet upwards*,[7].—Violent chill and coldness, immediately after dinner, on account of which he was obliged to lie in bed,[1].—[**640.**] Shivering and chill, towards evening, in the open air, with tensive pain in the left side of the neck below the ear; the next morning glandular swelling in a small spot, hard and painful to touch, with sticking in the left side of the throat on swallowing, with swelling of the gum and difficulty in opening the jaws; the sticking pain on swallowing ceased when the swollen glands pressed inward, with sweat, two mornings in succession (after nine days),[6].—* *Very slight motion of the body causes chilliness*,[4].—Alternations of chill and heat, chilliness especially on the back, heat in the hands and face,[11].—In the afternoon, he was first attacked with a chill, then he became very hot and thirsty (for beer),[1].—On lying down, in the evening, he had first a chill for half an hour, immediately followed by heat, then sweat all over, lasting nearly all night,[1].—Alternations of chills followed by heat, all day, with redness of the face,[1].—Febrile attack; in the evening, chilliness with cold hands and distended abdomen, without thirst; afterwards in the night, while lying quietly on the back, a bruised pain in all the joints, vivid, fatiguing dreams, talking in sleep, dry heat of the body, with dryness of the mouth, nose, and eyes, without thirst,[1].—Cold sensation over the whole body, without coldness; he was warm to touch all over, warmest on the chest,[7].—Cold shivers creep over the whole body except the arm, with a sensation as if the hair bristled,[6].—Creeping shivering over the whole body, especially seeming to start from the chest, at short intervals of two to ten minutes,[4].—[**650.**] Creeping shivering, with heat over the whole body, without thirst (after seven hours),[10].—Shivering creeps over the whole body, without heat and thirst (after one hour),[10].—Sensation of coldness and heat alternately, only on the left side of the forehead, without any externally perceptible change of temperature,[11].—At times chilliness spread from the pit of the stomach to the abdomen and lower extremities, also at times to the back (after twenty-four hours),[4].—*Slight chilliness in the back, extending to the abdomen, to the umbilical region* (after two hours),[12].—Severe chill, extending through all the limbs all day, without thirst, two days in succession,[1].—Great chilliness over the arms

and shoulders,[1].—Chilly sensation and gooseflesh on the arms, did not dare to bring the arms against the body on account of a distressing shivering sensation (after four hours),[3].—Hands cold, with cold clammy sweat, especially on the inner surfaces,[1].—*The hands when held against the face seemed cold, while to touch they seemed warmer than usual, only somewhat clammy in the palms*,[4].—[**660.**] Cold hands, with heat in the face, without thirst (after five days),[14].—The tips of the fingers were cold, though the rest of the hand was moderately warm (after three hours),[10].—Sensation of gooseflesh, without chilliness, on the right thigh,[3].—***Heat.*** Internal fever, in the morning; creeping chilliness recurring at intervals of five to ten minutes, with externally perceptibly increased warmth; the chilliness seemed to start from the pit of the stomach and extend over the trunk and upper extremities, without thirst (after twenty-four hours),[4].—Heat and great thirst for beer,[11].—Very great heat over the whole body, after slight exertion, with sweat, especially of the head, without thirst (after one hour),[6].—Sensation of internal heat, at night, with dryness of the mouth, without thirst,[1].—Though there was a sensation of heat, equally over the whole body, and especially on the face, yet he longed for the warmth of the bed, in the evening (after seven days),[14].—Sensation of heat in the body, in the forenoon, without externally perceptible heat,[1].—(While eating cold food, he became hot),[12].—[**670.**] Much heat in the head,[11].—Great, intolerable heat, especially in the face, on moderate exertion; on more violent exertion, sweat over the whole body (after fourteen days),[2].—Flushing heat over the face, without redness (after a quarter of an hour),[6].—Sensation of heat in the face and hands, while the hands seemed cold when held to the face, and also the face seems cold to the hands (after eight hours),[10].—Flushes of heat over the back, after supper,[11].—Sensation of heat over the whole spine,[5].—Increased warmth in the back; the hands, abdomen, etc., seemed burning hot, and so he became hot all over,[12].—At night, heat only of the lower extremities, without thirst or sweat,[1].—***Sweat.*** He broke into sweat on the slightest covering,[1].

Conditions.—**Aggravation.**—(*Morning*) 3 or 4 A.M., pain in occiput and nape of neck; sneezing; on rising, facial muscles seem distorted; dryness of mouth; in bed, cutting in abdomen; palpitation; on stepping, soles of feet painful; weakness; sleepiness; chilliness; internal fever.—(*Afternoon*), 5 to 6 P.M., cutting colic; 3 P.M., griping in abdomen; pressure upon chest.—(*Evening*), Dulness in head; tearing pain in brain; dulness in occiput; heat in eyes; roaring and whizzing in ears; colic.—(*Night*), Toothache; cough and catarrh; uneasiness in limbs; heat.—(*Open air*), Headache; dry cough.—(*Blowing nose*), Closure of ear and loss of hearing.—(*Chewing*), Pain in right lower jaw; pain in tongue.—(*After eating*), Eructations of gas.—(*Expiration*), Stitches in stomach; stitch in right side of abdomen; stitch in left chest; stitch in right chest; stitch in back.—(*Going upstairs*), Tension on outer side of left knee-joint; needlelike stitches in body.—(*Inspiration*), Stitches in pit of stomach; stitch to left of navel; stitch in right side of chest; stitch in left chest; tearing pain beneath left nipple; sticking pain beneath left nipple; stitch in back; stitch in margin of left ilium.—(*Lying down*), Headache; griping in abdomen.—(*Lying on left side*), Toothache.—(*Lying horizontally*), Bubbling pain in occiput.—(*Motion*), Shaking and swashing in forehead; pain in forehead; pain in occiput; bubbling pain in occiput; stitch in sole of right foot; chilliness.—(*Moving index finger*), Cutting pain above left wrist.—(*Noise*), Pain in occiput.—(*Pressure*), Stitch in right true ribs; pain in

left deltoid; pain in right thigh.—(*During rest*), Pain in left axilla; heaviness in right upper and forearm; twitching in muscles of left forearm; pain above wrist; pain in right forearm; pain above right knee; digging in left tibia; digging in right foot; stitch on back of right foot; creeping in tips of right toes.—(*Rubbing*), Sensation before eyes.—(*Shaking head*), Heaviness and pain in it.—(*Sitting*), Palpitation; tearing in right thigh; stitch in left thigh; pain above right knee; stitch in right patella; stitch in sole of left foot.—(*Smoking*), Toothache.—(*Sneezing*), Moving from above downward in legs.—(*Standing*), Pressure in chest; contraction in pectoral muscles; pressure above ensiform cartilage; pressure in ankle.—(*During stool*), Bruised sensation in four first ribs of left side.—(*Stooping*), Headache; pressure outward in forehead; pressure in left side of occiput.—(*Swallowing*), Stitches in fauces; sticking in parotid gland.—(*Talking*), Ringing in ears.—(*Turning head when walking*), Vertigo.—(*Turning eyes*), Pain in eyeballs.—(*Walking*), Vertigo; swashing in brain; jerks in occiput; sticking in left side of occiput; stitches in abdomen; stitches in hepatic region; stitch in right groin; stitch in right side of chest; stitches in back; limbs affected; tension in muscles in anterior surface of thigh; pain in left gluteal muscles; bruised pain in anterior muscles of thigh; pain in knees; tearing pain in left knee; pain in right calf; drawing in left calf.—(*Walking in open air*), Weakness.—(*Cold water*), Toothache.

Amelioration.—(*Leaning backward*), Bubbling pain in occiput.—(*Lying down*), Toothache; stitches in pit of stomach.—(*Motion*), Pain above right knee.—(*Pressure with hand*), Pressure in pit of stomach.—(*Rubbing*), Itching in left eyeball.—(*Scratching*), Itching in anus; crawling itching on right thigh.—(*Walking*), Headache.

SPIGELIA MARILANDICA.

Spigelia Marilandica, L.

Natural order, Loganiaceæ.

Common names, Pink-root, Indian pink, etc.

Preparation, Tincture of the root.

Authorities. **1**, Linning, New Edinb. Experiments, Part I, from Hahnemann;† **2**, Dr. Thomson's Inaug. Diss., Phila., 1802 (Eberle's Mat. Med., vol. i, p. 201), Dr. Thomson took large doses of the root; **3**, same, gave 3 or 4 gills of a strong decoction of the root, in large and frequent doses, to a patient, a boy of six years; **4**, only ill-effects afterwards seen from this medicine, although prescribed many times; **5**, G. W. Spalsbury, Bost. Med. and Surg. Journ., vol. lii, p. 72, a girl aged four years, suffering from worms, took three doses of an infusion.

Mind.—Suddenly affected with complete mental derangement, precisely of that kind which is sometimes produced by the seeds of Stramonium; he distorted his countenance into a variety of shapes; was affected by alternate fits of laughing and crying, and run and skipped about the room incessantly; the pupils were greatly dilated, and his talk was wild and incoherent; these symptoms went off in the course of about twenty-four hours, and left him quite as well as he had been before the pink-root.[3],

Head.—Vertigo,[1].—Slight giddiness,[4].

† Observations of effects of too large doses in children.—HUGHES.

Eye.—A peculiar wild staring expression of the eyes, giving the countenance a very singular, in fact, ludicrous appearance,[5].—The musculi adductores et abductores oculorum seem to be greatly affected, from their irregular motions, while the other muscles of the eye, so far as I have had an opportunity of observing, remain unaffected,[1].†—Strabismus of the right eye,[5].—Pain in and above the eyes,[1].—A sensation of stiffness of the eyelids,[2].—Dilatation of the pupils,[4].—[**10.**] Pupils greatly dilated,[3 5].—Dimness of sight,[4].

Face.—Face especially about the eyes, including the lids, much swollen,[5].—Flushed face,[2].—Tongue pointed and tremulous,[5].

Pulse.—Acceleration of the pulse,[2].—Pulse 110, and irregular,[5].

Generalities.—On attempting to assume the erect position, the patient would be seized with a general tremor, which would pass off in a few seconds, and leave her apparently quite exhausted,[5].

Sleep.—Drowsiness,[2].

Fever.—Skin hot and dry,[5].

SPIGGURUS.

By this name, Mure, in his Pathogenesie Bresilienne, has described a kind of porcupine, which perfectly answers to **Hystrix prehensilis**, which inhabits Brazil, and uses its prehensile tail in moving about in the trees.

Preparation, Trituration of the spines.

Authority. Mure, Pathog. Bresil., p. 274. J. V. Martins took a dose of the 3d attenuation.

Mind.—Inconsistent and capricious mood (sixth day).—No inclination to work, in the evening (first day).—Strong inclination to write, in the morning, ceasing after breakfast (third day).

Head.—Dizziness in the back of the head, when writing (third day).—Great heaviness of the head, from 10 to 11 A.M. (third day).—After breakfast, boring pain through the bones of the skull (second day).—Boring pain through the skull-bones (fourth day).—Lancination in the left side of the head, through the skull-bones; inability to move the head, for three minutes (fourth day).—Pain in one-half the head (second day).—[**10.**] Small prickings on the vertex, from time to time, especially on the right side (third day).

Eye.—The eyes fill with tears (fifth day).

Ear.—Sharp pain from the left ear to the jaw, for two minutes (fifth day).—Noise in the ears (second day).—Whizzing and humming from the left ear to the back of the head (third day).—The whizzing in the ears continues (third day).—Roaring in the ears, like a distant hurricane (third day).—Deafness of the left ear, as if stopped up (sixth day).

Face.—Pain at the right zygoma (second day).—Long-lasting pricking at the zygoma (third day).—[**20.**] Painful sensation at the articulation of the jaw (third day).

Mouth.—Bleeding of the gums (second day).—The toothache becomes obstinate (second day).—Pain in the first incisor tooth (second day).—Bitter mouth and throat; with salt taste (third day).

Stomach.—Great appetite (fifth day).—Nausea at the sight of food (immediately), (first day).—Nausea, with pain piercing to the back, for

† Revised by Hughes.

fifteen minutes (third day).—Nausea, after dinner (fifth day).—Feeling of dryness and fulness in the stomach, at night (first day).—[**30.**] Pains in the stomach, as if a string were drawn tightly around it (second day).—Lancination at the epigastrium, as if from needles, for six minutes (fifth day).

Abdomen.—Pain around the umbilicus (fifth day).—Pain in the left flank, just when yawning (fifth day).—Pain in the right flank, as if it was plugged up, for two minutes (fifth day).—Sense of fulness in the abdomen when lying in bed, at 5 A.M. (second day).—Painful swelling of the abdomen, before dinner (fourth day).—Continual swelling and pain of the abdomen down to the left groin (fifth day).

Stool.—Diarrhœa (second day).

Urinary Organs.—Great pain in the urethra, after urinating, worse on stooping to pick up anything (fifth day).

Respiratory Organs.—[**40.**] Cough, with pain in the chest (second day).—Same cough as on the day before (fourth day).

Chest.—Severe pain in the intercostal muscles, in the evening, when riding on horseback (third day).—Stitch in the left side, hindering yawning, for five minutes (fifth day).—Constriction all over, from the neck to the diaphragm, with heaviness of the head and arms (fifth day).

Heart.—Stitch in the region of the heart, left side, which stops his speech, for two minutes (second day).

Superior Extremities.—Pain in the right arm, from the hand to the elbow, as if the extension of the arm were prevented by a string (second day).—Improvement when turning the arm, or lifting a weight, or moving about in various ways; aggravation as soon as these movements cease (second day).—Pain in the right arm, as if the bones were broken, with inability to grasp anything (sixth day).—Pains at the lower extremity of the right forearm (second day).—Pain at the lower extremity of the forearm (third day).

Inferior Extremities.—[**50.**] The knees give way; likewise the ankle-joints (second day).—When sitting or rising, lancinating pain in the right great toe, hindering walking, for two minutes (fourth day).

Generalities.—General weakness (fourth day).—Numbness and insensibility, for half an hour (fifth day).—Passing pains in the toes, right temple, and one of the right canine teeth (second day).—All pains go off, after dinner (second day).—Aggravation when lying down, and improvement when walking in the open air (second day).

Skin.—Abundant desquamation in the region of the whiskers and on the chin (third day).—Itching all over, with bleeding after scratching (sixth day).—Great itching of the pubis, after taking tea (fourth day).

Sleep.—[**60.**] Great drowsiness, after dinner (first day).—Drowsy all day (fourth day).—Drowsiness (fifth day).—Great tendency to yawn, with flow of saliva (fifth day).—Quiet sleep, with cheerful dreams; morning, dreams about a multitude of insects, and a serpent which it was very difficult to kill (third day).—Early waking (second day).—Cheerful and quiet dreams (second day).—Cheerful dreams, at night (fifth day).

Fever.—Chills, from time to time (fifth day).—Horripilation, with chattering of the teeth (second day).—[**70.**] Heat and numbness of the feet (fifth day).

Conditions.—**Aggravation.**—(*When lying down*), The symptoms.—(*Stooping*), Pain in urethra.

Amelioration.—(*Walking in open air*), The symptoms.—(*Motion*), Pain in arm.

SPIRANTHES.

Spiranthes autumnalis, Rich.

Natural order, Orchidaceæ.

Common names, Lady's tresses; (G.) Wendelorche.

Preparation, Tincture of the root.

Authority. Journ. de la Soc. Gal., 1st Series, 7, p. 361. Symptoms by Dr. Patti Chagon, Duc de Sorentino.†

Mind.—Tendency to melancholy thoughts.—Melancholy.—Excessive complaining, with sobbing.—Complaining mood.—Ill-humor.—Confusion of ideas.—Indolence and ennui.

Head.—Confusion and Vertigo. Confusion in the forehead.—Vertigo.—[10.] Vertigo, like sea-sickness.—Vertigo, so that he is obliged to lean the head against the wall —Vertigo, aggravated by sitting or lying down.—Vertigo, on rising from bed.—Vertigo, relieved by walking.—***General Head.*** General heaviness of the head.—Sensation of fulness; heaviness and heat in the brain.—Intolerable pain in the head.—Cerebral troubles on bending or raising the arm.—Sensation of a band tied about the head.—[20.] Pain in the head, worse in the evening.—***Forehead.*** A weight on the forehead.—Weight and pain in the forehead.—Pain at noon, traversing the forehead and bones of the nose.—Pain in the forehead, principally in the left side.—Painful jerking in the forehead.—***Temples.*** Sensation of a blow in the left temple.—Sensation, as if a nail were driven into the right temple.—Constant pain in the right temple.—***Vertex and Parietals.*** Pain on the top of the head.—[30.] Pain on the top of the head, on touch.—Pain in the sagittal suture, in the middle of the forehead, in the nasal bone.—***Occiput.*** Pain in the occiput.—***External Head.*** Falling out of the hair.—Painfulness of the scalp prevents combing the hair.—Pain in the roots of the hair.

Eye.—Objective. Eyes brilliant.—Eyes fixed.—***Subjective.*** Pain in the left eye, at night, which prevents opening the lids.—Pain in the eyes on looking upward.—[40.] Burning in the eyes and lachrymation.—Eyes seem cool.—***Brow and Orbit.*** Swelling of the right eyebrow.—Heaviness of the eyebrow, which produces sleepiness.—Painful jerking in the arch of the orbit.—Burning in the left orbit.—***Lids.*** Lids swollen.—Weight upon the lids.—Burning in the lower lid.—***Conjunctiva.*** Inflammation of the sclerotic and conjunctiva.—[50.] Heat of the conjunctiva.—***Pupil.*** Pupils dilated.—***Vision.*** Vision dim.—Obscuration of vision, with sleepiness.—Instantaneous loss of vision.—Photophobia.—On looking fixedly at distant objects, they seem to move and undulate.—The

† "The action of this drug begins with decided symptoms of inflammation of the eyes, chin, chest, which become red and hot; the whole skin is dry and hot, the hands are burning, the extremities of the feet are cold most of the time; there is a sensation of oppression and heat, with palpitation and desire to uncover. This condition lasting two hours gave place to symptoms which we have described, in the first of which are a disposition to meditate and complain, vertigo, pains in the shoulders, ennui, loss of appetite, etc. The symptoms which appear last are the pains in the scalp on the top of the head, with distress in the kidneys and intestinal troubles after eating. The pulse, except at the beginning of the proving, was not constant in rhythm; it varied from one quarter of an hour to another, from 80 to 97; from 97 to 76; from 76 to 68, etc. The secretions of urine and milk are at first diminished, afterwards increased in quantity."

canopy over the bed seems to move, and to be on the point of falling.—On closing the lids, wheels of fire are seen.

Ear.—Pain within the left auditory canal.—[**60.**] Itching in the ear, internally and externally.

Nose.—Dryness of the Schneiderian membrane.—Dry coryza.—Dropping of water from the nose.—Epistaxis.—Clots of blood come from the nostrils.—Pain in the nostrils.—Pain in the right nasal bone.—Pricking in the wings of the nose.—Burning itching at the root of the nose.—[**70.**] Itching in the right wing of the nose.—Smell very acute.

Face.—Fixed, meditative expression.—Swelling of the face.—Redness and heat of the whole face.—Blackish color of the face.—Paleness of the face.—Paleness of a nursing infant.—Pain in the nerves of the face.—Cheeks red and hot.—[**80.**] Pricking in the right cheek.—Burning in the upper lip, between the nose and mouth.—Redness most marked on the chin.—Pain in the chin.

Mouth.—Teeth. Pain and elongation of the teeth.—Toothache, only at night.—Pain in the lower teeth.—Pain in the molar teeth.—Pain in the roots of the incisors.—Sensation of coldness in the teeth.—***Gums.*** [**90.**] Gums red and burning.—***General Mouth.*** Numerous small excrescences on the palate, which was bloody.—Putrid odor from the mouth.—Irritation of the sublingual glands.—***Taste.*** Taste, acid.—Sweetish taste in the mouth.—Bitter taste in the morning.—Taste, like nitre.—***Saliva.*** Salivation, with dryness of the mouth.

Throat. Globus hystericus, rising from the lower abdomen to the œsophagus.—[**100.**] Incessant desire to clear the throat, caused by adherent mucus.—Sensation of a foreign body in the throat.—Tickling in the throat, which provokes cough.—Burning in the pit of the throat.—Irritation of the tonsils.—Sensation of acidity and burning in the œsophagus.—Incarceration of air in the œsophagus.—Pain on swallowing.

Stomach.—Appetite and Thirst. Desire for acid food.—Loss of appetite.—[**110.**] Constant thirst.—***Eructations.*** Regurgitations.—Eructations, preceded by heat in the lower abdomen, and lancinations in the colon.—Acid eructations.—Bitter eructations.—Necessity to eructate, which is difficult.—Empty eructations.—***Nausea and Vomiting.*** Nausea.—Nausea after eating.—Efforts to vomit.—[**120.**] Vomiting of food after eating.—Constant vomiting, in a nursing infant.—***Stomach.*** Distension of the epigastric region.—The epigastric region does not tolerate touch.—Pain in the epigastrium.—Pain in the whole of the epigastrium after a meal.—The epigastric pain corresponds to the pain in the loins.—Heat, which rises from the stomach to the head.

Abdomen.—Hypochondria. Pain in the liver and spleen, on pressure.—Pain in the liver.—[**130.**] Pain in the spleen.—***Umbilicus.*** Intermittent piercing pain in the umbilical region.—***General Abdomen.*** Tympanitis of the abdomen.—Pain, tympanitis, and hardness of the abdomen, after a meal.—Fulness and hardness of the abdomen.—Constant flatulence.—Borborygmi.—Rumbling in the viscera.—Pain all about the waist.—Desire to tighten the clothes.—[**140.**] Pain in the descending colon, after a meal.—Pain in the intestines continues through the whole of digestion.—Pressing pain in the colon.—Piercing, insupportable pain in the colon on becoming erect.—Lancinations in the colon.—Laughing causes heat in the lower abdomen.

Rectum and Anus. Burning and itching in the anus, aggravated during an evacuation.—Stool, followed by prickling and itching in the

anus.—Stools preceded by pricking in the anus, and followed by itching.—Ineffectual efforts for stool.

Stool.—[150.] Diarrhœa or constipation.—Stool less copious.—Stools of a sour odor, in children.

Urinary Organs.—Cramplike pain in the kidneys, at night, obliging change of position.—Pain, burning, in the kidneys.—Pain in the kidneys and loins, which prevents moving and talking.—Pain in the kidneys prevents stooping, in a woman.—Pain in the kidneys, aggravated by going upstairs.—Pain in the kidneys, relieved by lying on the back.—Coldness and heat in the kidneys, in a woman,—[160.] Pain in the bladder, on urinating.—Pain and burning in the bladder, after waking.—Urine abundant, red.—Urine less abundant.—The urine decomposes rapidly.—The urine deposit a gelatinous red sediment.

Sexual Organs.—Male. Erections, on waking.—Constant erections.—Pricking pain in the spermatic cords.—Great desire for coition.—[170.] Loss of desire for coition.—Repugnance to coition.—***Female.*** Redness of the vulva, with pruritus.—Pressing pain in the uterus.—Bloody discharge from the vagina.—Yellowish leucorrhœa.—Burning in the vagina.—Burning pain in the vagina during coition.—Dryness of the vagina.

Respiratory Organs.—Burning in the larynx.—[180.] Hacking cough, caused by tickling in the larynx.—Dry cough, at night, with burning in the throat.—Dry cough.—Difficult respiration.—Respiration short.—Panting on walking.

Chest.—Sensation of dilatation of the left lung.—Sensation of weakness of the lungs.—Pain in the chest.—Pleuritic pains.—[190.] Intercostal pain, principally in the left side.—Pricking in the chest.—Pain on the sternum.—***Mammæ.*** Abundance of milk.—The milk in the left breast is more abundant.—Pain in the breast, on raising it.—Burning on the tips of the breasts, especially of the left.

Heart and Pulse.—Pain in the heart.—Palpitation, with difficult respiration.—Palpitation of the heart from the least emotional excitement.—[200.] Pulse full and hard, at the beginning of the proving, afterwards small and quiet.

Neck and Back.—Cramplike pain in the neck, at night, obliging him to change the position.—Lumbago, which prevents walking.—Pain in the centre of the scapula.—Pain in the scapula, while standing, aggravated by stooping.—Pain in the loins.

Extremities.—Trembling of the limbs.—Weakness of the limbs, relieved by urinating.—Sciatic pain in the limbs, especially in the right limb.—Drawing pain in the right limb.

Superior Extremities.—Shoulder. [210.] Heavy pain in the shoulders.—Pain over the whole extent of the shoulders.—Boring pain in the right shoulder, and in the corresponding breast, which prevents respiration.—Pressure on the shoulders and chest, at night.—Lancinations in the shoulders, aggravated on bending over.—***Arm.*** Trembling of the arms.—Weakness of the arms.—Numbness and heaviness of the right arm.—Arms numb, with desire to stretch them.—***Forearm.*** Rigidity of the muscles of the forearm.—[220.] Sudden pain in the forearm, followed by numbness.—Pain in the forearms, by the pulse.—Pain in the right pulse.—***Hand.*** Swelling of the veins of the hands.—Swelling of the hands, principally of the right.—Blackish color of the right hand.—Yellowish color of the hands.—Redness and perspiration of the hands.—At night,

numbness of the hand on which he was resting the cheek.—Hands numb.—[**230.**] Heaviness of the right hand.—Pain over the whole of the hand.—Pain in all the articulations of the hands.—Pressing pain in the articulations of the hands, principally in the right hand.—Burning in the hands.—Pressing pain in the articulations of the thumb.

Inferior Extremities.—Knee. Weakness of the knees.—Pain in both knees.—Pain in the right knee.—***Leg.*** Pain in the patella.—[**240.**] Pain in the right instep.—Pain in the right malleolus.—***Foot.*** Swelling of the feet, principally of the right foot.—Pain in the heels.—Bruised pain in the right great toe.

Generalities.—One appears intoxicated.—Pulsations in the arteries, felt over the whole body.—Weary with everything, even of talking.—General feebleness and prostration.—Desire to walk, which scarcely satisfies, and changes to a desire to rest.—[**250.**] One prefers to lie upon the left side rather than upon the right, and, at times, it seems better to lie upon the back.

Skin.—Dryness of the skin.—Redness of the whole skin.—Red spots over the whole skin.—Slightly jaundiced hue of the skin.—Yellowish spots on the skin.—Miliary rash.—Miliary rash, in a nursing child.—Furuncles, with pain and fever.—Eruption of itching pimples, on the face.—[**260.**] Red spots on the face and arms, in a child.—Eruption of red points on the nates, with itching and heat.—Vesications, as from a burn, with purulent secretion from the groin, and in the folds of the skin about the neck.—Eruption on the thighs.—Prickling sensation, as from a thorn, over the whole body.—Prickling over the arch of the orbit.—Skin of the face burning.—Burning itching in the left cheek, near the mouth.—Itching in the axillæ.—Itching on the pubis.—[**270.**] Itching on the scrotum.—Itching of the forearms, at night.—Itching on the backs of the hands.—Itching on the tip of the left thumb.

Sleep.—Incomplete yawning.—Sleepiness during the day.—Starting up during sleep.—Late falling asleep, in the evening.—Sleeplessness, at night.—Sleeplessness, in infants.—[**280.**] Restlessness, at night, in a child.—Lascivious dreams, with emissions.

Fever.—Chilliness. Attack of coldness, in the evening, principally in the hands.—Alternations of cold and heat.—The suffering part is colder than the rest of the body.—Coldness of the head.—Hands cold.—Hands alternately cold and hot.—Constant sensation of coldness of the feet.—Coldness of the extremities of the feet.—[**290.**] The toes are always cold.—***Heat.*** Fever, followed by thirst.—Febrile attack, at noon, with general or partial coldness.—Attack of fever, at noon.—Fever, which was manifested by perspiration.—Attacks of fever during the night.—Fever at night, sweat in the morning.—Fever at night, in an infant.—Attack of general heat, followed by a sensation of coldness in the head.—Heat over the whole skin.—[**300.**] Flushes of heat in the head, followed by a sensation of cold.—Heat on the head, on waking.—Heat and itching over the head.—Heat and redness of the external ear.—Face heated, especially the right side.—Flushes of heat in the face, worse in bed.—Hands very hot.—Sweat on the palms of the hands.

***Conditions.*—Aggravation.**—(*Noon*), Fever.—(*Evening*), Pain in head; coldness.—(*Night*), Toothache.—(*During evacuation*), Burning and itching in anus.—(*Emotional excitement*), Palpitation of heart.—(*Going upstairs*), Pain in kidneys.—(*Lying down*), Vertigo.—(*Laughing*), Heat in lower abdomen.—(*Mental effort*), The symptoms.—(*On rising from bed*),

Vertigo.—(*Sitting*), Vertigo.—(*Stooping*), Pain in scapulæ; lancinations in shoulders.

Amelioration.—(*Lying on back*), Pain in kidneys.—(*Urinating*), Weakness of limbs.—(*Walking*), Vertigo.

SPIREA ULMARIA.

Spiræa ulmaria, Linn.

Natural order, Rosaceæ.

Common names, Queen of the meadows; (G.), Spierstaude.

Preparation, Tincture of fresh root.

Authority. Bojanus, Hom. Vjs., vol. 14, p. 13, took 2 drops of the tincture of fresh root at 5 and 6 A.M.; 8 at 1, 5, and 8 P.M. (first day); 8 at 7 and 10 A.M.; 5, 9.30 P.M. (second day); 10 drops four times (third day); 12 drops five times (fourth day); 20 drops five times (fifth and sixth days); 25 five times (seventh and eighth days); 25 at 7 and 9 A.M., 30 at noon, 35 at 5 and 9 P.M. (ninth day); 30 at 6 A.M. (tenth day); 30 at 6, 8, and 10 A.M.; 60 at 9 P.M. (twelfth day); 60 three times (thirteenth and fourteenth days).

Mind.—At 1 A.M. he was attacked with remorse over a long-past slight indiscretion, with most fearful qualms of conscience and loathing of himself; on account of this he could not rest, but was obliged to rise and walk about (eighth night).

Head.—Headache especially noticed on shaking the head, associated with increased warmth of the body, as if the blood were flowing more rapidly than usual through the vessels (sixth day).—Headache relieved towards evening (sixth day).—Pulsative headache in the left frontal eminence, like a pressure and fulness, worse on stooping and sneezing, better in the open air (sixth day).—The headache was seated the whole day in the forehead, but afterwards became concentrated beneath the left frontal eminence, and disappeared after walking in the cold open air (seventh day).—Dulness and heaviness in the head, with pressive headache in both frontal eminences; pain like a fulness, aggravated by moving and shaking the head, when it seemed as though the brain were moving back and forth (seventh day).—On lying down at 11 P.M., just as he was falling asleep, but was only half asleep, there was a sensation as if all his senses vanished, with an indescribable sensation in the head like vertigo, and a feeling as though all the blood left the head, with a prickling in the face; this was followed by sudden waking, after which he could not fall asleep for a long time, until after midnight, with a distressing burning itching on the scalp. He fell asleep towards morning; the sleep was full of vivid dreams of everything that he knew, only indistinctly remembered (seventh day).—Dulness of the head, with similar fulness and heaviness in the upper part of the abdomen and under the ribs, after a light meal (eighth day).—Pain over the whole head, as if a ring were tightened about the head, with heaviness. On shaking the head, it seemed as if the brain wabbled to and fro. After this he fell asleep, and woke about 7 A.M. with some headache, which disappeared on rising; heaviness and dulness in the head remained (ninth day).—[**10.**] After washing with cold water, which was very unpleasant, the head felt large; this sensation extended upward from the cheeks, was associated with pressure and burning in the throat and œsophagus, which latter was very violent and almost intolerable, immediately

followed by an attack of vertigo, with heat of the cheeks (ninth day).—An hour after the dose, heaviness and dulness of the head, like commencing headache (fourteenth day).—A pressive headache and fulness in the forehead, worse in the house than in the open air (fourteenth day).—The headache disappeared about 8 P.M. (fourteenth day).

Eye.—In the morning, after rising, the eyes (especially the left eye) were filled with mucus, that had dried to crusts on the lashes and in the canthi, with indistinct vision, as through a mist, relieved by blinking and rubbing the eyes. Lachrymation of the left eye, with smarting and increased sensation of warmth in it. The sclerotic is bright red (tenth day).—On waking after the midday nap, he could not open his eyes for a long time, on account of leaden heaviness of the lids, with frequent headache, as after intoxication, that continued after rising, with pain and pressure in the forehead, as if full. Towards evening the frontal headache was better, and was felt more in the left frontal eminence (thirteenth day).—Sensation as if something hot mounted into the eyes, causing biting and burning, and a feeling as if tears would flow, though they did not (sixth day).

Face.—Increased redness of the face (fourteenth day).—Sensation as if the blood mounted into the face, with a sensation of heat in the face and eyes (sixth day).

Mouth.—Slight drawing toothache in the left back teeth, without ability to tell whether in the upper or lower jaw (eighth day).

Throat.—[20.] After the first dose, sensation of increased warmth in the pharynx, extending down the whole length of the œsophagus to the stomach, where it seemed to concentrate (second day). A burning pressure in the œsophagus, as before noted, usually disappeared over night, and immediately reappeared after a dose in the morning; the sensation was partly relieved by eating and by drinking, disappeared entirely while eating and drinking, but not on empty swallowing (sixth day). The burning and pressure in the same spot in the œsophagus was to-day especially severe; it seemed as though the œsophagus were forcibly constricted, with many eructations of much gas; this sensation was relieved during the eructations, and while eating was associated with a sensation as if a large hard body were forcibly pressing through the œsophagus (seventh day). Burning in the spot already described in the œsophagus is to-day more like a pressure, with a sensation as if the œsophagus were too small, without, however, affecting swallowing; it extended up to the pharynx and down into the stomach, where there was a peculiar sensation of qualmishness (eighth day).—Towards evening, sensation of coldness in the pharynx and œsophagus is especially noticed; it even did not disappear after eating (eighth day). A cold sensation in the œsophagus extended to both anterior sides of the chest, beneath the nipples, and into the upper portion of the pharynx, with oppression of the chest, which obliged deep breathing (ninth day).—Pressure in the pharynx and œsophagus continued the same as yesterday (tenth day).—Sensation of increased warmth in the pharynx, extending down to the stomach; feeling of warmth in the œsophagus, opposite the manubrium sterni (fourteenth day).

Stomach.—Immediately after the dose the hunger disappeared, and only returned about 9.30 P.M., but was soon appeased by a little food (fourteenth day).—There was no relish for smoking; a sensation as though one had not smoked for a long time, as after a long illness (seventh day).—During the day, there were frequent eructations of odorless gas (fifth day).—Frequent eructations of much gas (eighth day).—Eructations of much

gas always after eating and drinking (ninth day).—Repeated eructations of gas (twelfth day).—[**30.**] A sensation of burning warmth in a small spot beneath the ensiform process, as if something hot or acrid had been taken, though without pain. In the evening this sensation became very acute, and almost like heartburn, but less severe (second day).—The sensation of warmth felt yesterday in the pit of the stomach (cardiac orifice) is to-day less in the stomach than in the œsophagus, about the region of the manubrium sterni, and is more decidedly a burning sensation, noticed after every dose. In the intervals between the doses, this sensation almost entirely disappeared, so that it was scarcely noticed; the heat reappeared after each dose (third day).

Abdomen.—Frequent emission of very offensive flatus (sixth day).—During the stool, moving about and slight griping in the lower part of the abdomen (sixth day).—After eating, movings about in the navel, with a sensation of heaviness in the lower part of the abdomen and pressure upon the rectum, with emission of odorless flatus, immediately followed by a small crumbly evacuation, after which the heaviness in the abdomen was still felt (eighth day).—After a light meal, movement in the lower part of the abdomen, with rumbling and slight griping, followed by desire for stool, with emission of odorless flatus (ninth day).

Rectum and Anus.—Crawling and prickling in the rectum, with a sensation as if drawn inward (eighth day).—During the stool, a sensation as if the anus would not open sufficiently (sixth day).—The stool, in the evening, was followed for a long time by a prickling constrictive sensation in the anus (fifth day).—A prickling sensation of closure in the anus, especially in the evening (sixth day).—[**40.**] Sensation of forcible closure of the anus, with crawling, prickling, and sticking, more while walking than while sitting (eighth day).—In the evening there was several times a sensation as if a stool would occur, associated with a stitch from the region of the bladder to the rectum, which became forcibly closed, and some flatus was passed, but only after long pressure (sixth day).—Frequent desire for stool, that suddenly disappeared (eighth day).

Stool.—Instead of one stool there were two; the first, in the morning, was unsatisfactory, but not hard; the fæces were lumpy, like balls of hare's dung, without being hard, and of a normal color (fifth day).—Stool, which usually occurred in the morning, now occurred about 4 P.M., with long pressure and straining, as if the fæces could not be evacuated from the rectum; the evacuation was scanty, hard, like sheep's dung (sixth day).—Before falling asleep an evacuation, half of which was hard, the rest soft and rather thin, accompanied by prickling, biting, and burning in the anus for a long time after the stool (sixth day).—In the evening a small evacuation, at first thick, afterwards thin, but not hard, with prickling and contraction in the anus after the evacuation (seventh day).—About 1 P.M. a small half crumbly, half normal evacuation without difficulty (ninth day).—About 10 P.M. a somewhat hard stool, accompanied and followed by burning and soreness in the anus, and a sensation as if the anus were drawn up into the rectum and something hard were still remaining there (ninth day).

Urinary Organs.—Burning in the orifice of the urethra while urinating during stool (sixth day).—[**50.**] The urine passed the previous evening had become turbid, as if mixed with clay, with a thin film over the surface, looking like fat, and breaking to pieces when the liquid was moved; the urine was bright yellow, almost straw-colored (second day). The urine

passed was bright yellow, but after standing an hour, a flocculent cloud seemed to hang on the upper surface; an hour later (two hours after urinating), this cloud sank to the bottom (third day). The urine passed yesterday is cloudy, as if mixed with clay, the surface covered with an iridescent film, with numerous red granules; these, when collected, had the appearance of sand, and when pressed by a knife, gave a crackling noise and formed brickdust powder. The urine passed in the morning, fasting, was clearer than that of yesterday, but had the same cloud. The urine became milky soon after it was passed, and after a few hours deposited a clear flocculent sediment, which, when collected on the filter, was slimy and of a rosy-red color, mingled with much red sand. A part was collected from the filter and mixed in the glass tube with nitric acid, which dissolved the mucus with odorless frothing; the liquid then had a clear yellow color, and the grains of sand fell unaffected to the bottom. Another portion was mixed in a glass-tube with sulphuric acid, which completely dissolved both the mucus and sand, and the liquid became dark brown; there was no frothing, but the liquid had a strong odor of decomposing urine. The third portion was mixed with muriatic acid in a glass tube, but there was not the slightest change (fourth day). The urine passed in the morning was clearer than yesterday, and developed a cloud hanging from the upper surface, even before the urine became cold (fifth day). The urine passed this morning was decidedly darker than that of yesterday, without, however, being too dark; a cloud immediately formed after becoming cold (sixth day). The urine passed the fifth day formed a cloud but no sediment; that passed on the sixth day the same, but had again a red sand, and the cloud lying at the bottom exhibited everywhere a number of these grains of sand looking like frog-spawn; the urine passed on the seventh day had the same character. The urine passed yesterday was still clear, showed no trace of decomposition, though it had stood the whole time in a warm room (seventh day). To-day the urine, while yet warm, formed a cloud, was clearer than on the fifth and sixth days, but darker than on the fifth day (eighth day). The urine passed yesterday became turbid and cloudy; after twenty-four hours had a slimy flocculent sediment of a dirty rose-red color. The urine passed toward evening was quite clear and lemon-yellow. The urine passed on the fifth day was beginning to decompose, but without being turbid; that of the sixth, seventh, and ninth days is unchanged; that of the eighth day has, in addition to a cloud, a white pellicle, like an iridescent film of fat on the surface. The urine passed today developed a cloud while still warm (ninth day). The urine passed on the ninth day is very turbid and cloudy, with iridescent flakes, that with difficulty sank to the bottom; it has already begun to decompose. The urine passed in the morning, and also that of the eighth day, has not begun to decompose. The cloud lying in the bottom of the vessel is full of large grains of red sand. The urine passed on the ninth day has the same peculiarities, with the addition of a white fatty film on the surface, in which are entangled numerous grains of red sand. The urine passed on the tenth day is the same, rather turbid yellow, has a cloud at the bottom, but no perceptible colored sand. The urine passed last evening is lemon-yellow and very turbid (tenth day).

Sexual Organs.—In the morning, in bed, violent erections, with great sexual desire (seventh day).

Respiratory Organs.—At 7 P.M., without any apparent cause, cough at first dry, afterwards loose, with tickling and scraping in the throat,

that continued long after the cough (eighth day).—On inspiration, the air of the room seemed very cold and as though he had been chewing peppermint (eighth day).

Chest.—In addition to the burning sensation in the œsophagus felt all day, there was a pressive sensation in the region of the manubrium sterni; was exactly like the pressure caused by swallowing too large a morsel of food or a large piece of hard-boiled egg (fifth day).

Pulse.—Pulse 90, hard and tense; afterwards 66, weak, soft (sixth day); 60 (seventh day); small, contracted, hard, 100; afterwards full, large, 76 (ninth day).

Superior Extremities.—In the flexor muscles of the forearm a feeling as if cramp would come on; whenever he attempted to lift anything heavy, a real cramp occurred, that disappeared in the afternoon (eighth day).—Veins of the hands greatly distended.

Inferior Extremities.—In the afternoon, heaviness in the lower extremities, as if full, especially on ascending steps (eighth day).

Generalities.—In the afternoon great exhaustion, with stretching of the limbs and yawning (seventh day).—[**60.**] Weak, prostrated, and weary with sleep; was obliged to lie down after dinner and sleep for a few hours; after the sleep he was somewhat refreshed (eighth day).—After the midday nap there was an indefinite feeling of discomfort over the whole body, as after an illness, or like a foreboding of fever, a kind of unsteadiness while walking or moving about, disappearing after moving about, towards evening (seventh day).

Sleep.—Overpowering sleepiness and heaviness in all the limbs, with dulness of the head (thirteenth day).—In the evening it was difficult to fall asleep, and at night there was restlessness with frequent waking and tossing about, with indefinite dreams, of which he had no remembrance on waking (first night).—Very vivid dreams during the midday nap, without ability to remember the dream on waking (seventh day).—In the evening, lascivious dreams and emission (thirteenth day).

Fever.—At 5 P.M. became very warm in the usual temperature of the house, and heat seemed to creep over different parts of the body, especially the head, shoulders, and chest, with a feeling as though sweat would break out, and with a moist forehead; the veins of the hands were swollen, the hands burnt and were moist. Very great heat in the face, like rush of blood, with burning in the ears, which were red; the face easily reddened, and half an hour afterwards the skin over the whole body was moist, with a moist forehead and hands; heaviness and dulness in the head (ninth day).—Rising of heat to the head, with redness of the face. Sensation of increased warmth over the whole body, with heaviness; the hands seem injected, full, and hot (thirteenth day).—While eating and afterwards, sensation of heat over the whole body and rush of blood to the head, with slight outbreak of sweat on the chest, face, and hands (fourteenth day).

Conditions.—**Aggravation.**—(*In the house*), Headache.—(*Moving head*), Headache.—(*Stooping*), Headache.—(*Sneezing*), Headache.

Amelioration.—(*Open air*), Headache.—(*Eating and drinking*), Burning in œsophagus.—(*Moving about*), Feeling of discomfort.

SPONGIA.

Spongia officinalis, Linn.
Animal kingdom.
Sub-kingdom, Cœlenterata.
Class, Spongia.

Preparation, Tincture, prepared by digesting 20 grains of powdered sponge, which has been roasted brown (in a manner similar to coffea tosta), with 400 drops of Alcohol.

Authorities. (1 to 11, from Hahneman).† **1**, Hahnemann; **2**, F. Hahnemann; **3**, Gutmann; **4**, Hartmann; **5**, Haynel; **6**, Hornburg; **7**, Langhammer; **8**, Wagner; **9**, Wislicenus; **10**, Stapf; **11**, Lehmann; **12**, B. Fincke, M.D., Am. Hom. Rev., vol. i, 1859, p. 317, tasted some Spongia; **12***a*, Mrs. Taube, aged about sixty, took 1 drop of 30th pot., prepared on the Hahnemannian scale; for many years a hard ball of pea-size, consisting of mucus mixed with blood, occasionally formed in the throat; this ball creates there an irritation, and is expelled by coughing; after use of fruit or cider usually feels a rawness and sensation like a wound in her throat, and loses her voice to a greater or less extent. In consequence of getting cold, she had many years ago a lump in left breast, cured homœopathically long ago; **13**, James B. Bell, M.D., Am. Journ. of Hom. Mat. Mat., vol. ii, 1869, p. 211, a lady took 200th for a cough; **14**, E. W. Berridge, M.D., New Eng. Med. Gaz., vol. ix, 1874, p. 403, took 20 glob., cm. (Fincke), at 10 A.M., one symptom.

Mind.—*Irresistible desire to sing, with excessive joyfulness, lasting half an hour* (after half an hour); *followed by distraction of mind and disinclination for all work, lasting an hour*,[3].—Unusually cheerful (second day),[12a].—Taciturn and discontented mood,[1].—Pert, witty mood,[1].—Anxiety, as if a misfortune would befall him, which he seemed to foresee,[1].—She is very fearful, and tormented by a frightful image of a past sad event,[1].—She was very easily frightened, and started at every trifle; it always seemed to shoot into her feet, and afterwards they seemed to remain heavy,[1].—Fretfulness; he talked and answered very unwillingly,[8].—Fretful and lazy; wished to rest and was little inclined to talk (after three hours),[8].—[**10.**] Scornful, obstinate, ill-humored,[1].—She is dissatisfied with what she accomplishes; she cannot rightly help herself at work; she does not succeed,[1].—Alternately lively and lachrymose, and peevish quarrelsome mood,[1].

Head.—Vertigo. Vertigo, with tendency to fall backward,[2].—Vertigo, while sitting, as if the head would fall to one side, with a sensation of heat in the head (after a quarter of an hour),[8].—There seemed to be a whirling of the head, she staggered and was obliged to steady herself as in intoxication (after half an hour),[4].—***General Head.*** Dulness of the head; he staggered as if intoxicated, while walking, for an hour (after half an hour),[5].—The head is dull and stupid,[1].—Heaviness of the head (after a quarter of an hour),[8].—Heaviness of the head all day,[1].—[**20.**] The head felt heavy on raising it from the table upon which he had leaned it to rest,[1].—Heaviness and fulness in the head, aggravated by stooping,[8].—Increased rush of blood to the head,[1].—Violent rush of blood to the brain, with heat in the forehead externally; perceptible pulsation in the

† Two symptoms in Hahnemann's first edition, omitted from his second, are included in this work.

arteries of the neck (after one hour),[8].—Weakness of the head and a dulness, which makes him unfit for all mental effort, a feeling of weariness through the whole body,[1].—Headache, loss of appetite, sleepiness, lassitude in the whole body, fretfulness; out of humor with everything,[10].—Staring at any point causes headache and lachrymation,[1].—A feeling in the head as if everything would press out at the forehead,[1].—Pressive sensation in the head, several times a day,[1].—Whizzing in the head, in the region of the ear upon which she was lying in bed, like a violent pulsation, always with a double beating; if she lay upon the other ear then she felt it in that side,[1].—[**30.**] Over the whole side on which there is a small goitre, a jerking aching; a throbbing in the head, that extends down into the cheeks, and into the neck, as a tearing,[10].—***Forehead.*** Pressive headache in the forehead (after a quarter of an hour),[9].—Pressure in the left side of the forehead (after eight hours and a half),[7].—Dull pressive pain, extending from within outward, in the right frontal eminence (after thirty hours),[4].—Dull pressive headache, from the forehead above the eyes to the occiput and nape of the neck, lasting ten hours, till falling asleep (after three hours),[8].—Violent pressure in the forehead and occiput, at the same time, as if pressed towards each other, at noon (after five hours),[1].—Pressing-outward pain in the upper part of the left side of the forehead, while sitting, disappearing after rising (after six hours and a half),[7].—**Sensation of accumulation of blood, in the forehead*,[1].—Jerking stitches in the forehead, aggravated by walking (after five hours),[8].—Boring, needle-like stitches, from within outward, in the left side of the forehead, while walking in the open air (after thirty-four hours),[7].—[**40.**] Needlelike st tches, extending transversely in the left side of the forehead (after four hours),[7].—Fine pressive stitches, now in the forehead, now in the occiput, only on every motion, with a sensation of burning heat, extending from the region behind the ear over the occiput to the nape of the neck,[8].—***Temples.*** Sharp pressure in both temples externally (after a quarter of an hour),[9].—Pressive sensation from within outward, in the right temple (after an hour and a quarter),[4].—Violent tearing headache in the left temple close to the orbit, which also causes a pressive sensation in the left half of the same eye (after two hours),[6].†—*Sharp stitches externally in the left temple, extending to the forehead* (after six and fourteen hours),[7].—Throbbing in the left temple,[1].—***Vertex and Parietals.*** Drawing pain in the vertex (immediately),[1].—Pressive headache in the vertex (after five minutes),[2].—**Dull headache in the right half of the brain, on entering a warm room from the open air* (after one hour and a half, and thirty-five hours),[3].—[**50.**] Pressive pain drawing down in the right side of the head and neck (after four hours),[8].—Pressive headache, from within outward, in the right parietal bone, while lying down,[3].—Jerking through both sides of the head, especially in the temples, extending to the top of the head whenever he jerks the arms, and as often as he steps (after one hour),[9].—***Occiput.*** Painful heaviness in the occiput, as if lead were in it, while walking, recurring by paroxysms (after one hour and a half),[4].—In the afternoon, headache in the occiput like a heaviness and stitch, whenever he turned the head, *with heat of the face*, hands, and feet, and chilliness of the rest of the body, and inclination to coryza; with weakness of the body and bitterness in the mouth; in the evening after undressing shaking chill, and a quarter of an hour afterwards, in bed, heat over the whole body, except on

† Hartmann given as authority in first edition of Hahnemann.

the thighs, which were numb and chilly; at night, sweat,[1].—Violent pressing pain in the left side of the occiput, as if it would burst (after nine hours and a half),[4].—***External Head.*** Unpleasant sensitiveness of the scalp, especially on moving it (after a quarter of an hour),[9].—Sensation as if the hair on the vertex were bristling, or as if some one moved it, aggravated by every motion of the body (after one hour),[9].—A gnawing pain externally on the top of the head (after one hour),[9].—Burning in the right side of the scalp (after fifteen hours),[3].

Eye.—Objective. [60.] Eyes deeply sunken,[1].—The eyes have a weak look, and the lids are swollen as after intoxication, or as if he had been awake all night; wherewith he was weak, weary, and sleepy (after three hours and a quarter),[4].—Redness of the white of the eye,[2].—The eyes suppurate,[1].—***Subjective.*** Tension in the left eye by the temple (after a quarter of an hour),[1].—Pressure and sticking in the right eye,[2].—Burning in the left eye, about the ball,[1].—Sticking in the eye,[1].—Sticking itching beneath the left eye is somewhat relieved by rubbing (after five hours),[9].—Sticking, and at last pressive pain in both eyes, in the evening (after nine hours),[8].—***Brow and Orbit.*** [70.] A yellow crusty eruption on the left eyebrow, painful only when touched,[2].—Pressive pain above the right eye, rather external (after half an hour),[1].—***Lids.*** Lids of the left eye drawn together, in the morning in bed, so that she could open them only with difficulty,[1].—Heaviness of the eyelids,[5].—Pressive heaviness of the lids, as if they would close (after a quarter of an hour),[8].—Pressure around about beneath the eyelids,[1].—Burning pain on the outer surface of the left lower lid,[3].—Sudden sticking drawing in the left external canthus, which extends around the eye, above and below, towards the inner canthus (after one hour and a half),[9].—Tensive sticking pain in the left external canthus, worse on moving the eyes, disappearing on touch (after four hours and a half),[3].—Itching of the eyelids,[1].—***Lachrymation.*** [80.] Profuse watering of the eye,[2].—***Vision.*** She is able to recognize distant objects only with great effort,[1].

Ear.—Pain in the cartilages of the ears, as from soreness, not affected by touch (after a quarter of an hour),[9].—Tensive pain in a swelling at the entrance of the meatus, and a crawling as if it would break into an ulcer, with at times stitches (after fifteen hours and a half),[5].—Fine stitches, from within outward, in the right ear, as if through the drum (immediately),[9].—Earache, a constrictive pain (after three hours),[1].—Pressure and forcing in the ears,[1].—Cramplike pain in the left ear, when walking in the open air (after twenty-four hours and a half),[4].—Drawing in the right inner ear (after nine hours),[8].—Burning in the orifice of the right ear,[3].—***Hearing.*** [90.] Difficult hearing,[1].—Dull ringing in the ears (after half an hour),[8].—Ringing in the right ear (after ten hours),[7].

Nose.—**Sneezing and frequent coryza*,[7].—**Stopped coryza* (after twenty-five hours),[3].—Violent and long-continued nosebleed, from slight blowing of the nose, while at dinner (after three days),[5].—(Mucous stoppage of the nose),[1].—Dulness and sensation of gloominess over the root of the nose, as if a common cold were approaching (soon),[12a].—Tearing in the nose,[1].—A tense contracted sensation over the root of the nose (after eleven hours and a half),[4].—[100.] Crawling stitches in the left nasal bone (after half an hour),[9].

Face.—Paleness of the face,[1].—***Cheeks.*** Red cheeks, but only the usual warmth in the face,[4].—Swelling of the cheek,[1].—Pressive-tearing sensation in the right malar bone (after a quarter of an hour),[4].—Stitches

in the cheek,[1].—Sticking itching in the left cheek (after a quarter of an hour),[1].—*Cramplike pain, extending from the left articulation of the jaw to the cheek, in the evening while eating, for five days*,[1].—Cramplike pain in the left upper jaw (after half an hour),[7].—Fine jerking stitch, from behind the right upper jaw into the ear, in the evening in bed,[5].—[**110.**] *Needlelike stitches transversely through the left upper jaw* (after two hours and three-quarters, and three hours and a half),[7].—***Chin.*** Fine stitches beneath the lower lip (after seven hours),[5].—**Swollen glands beneath the left lower jaw, painful to touch* (after seventy-three hours),[7].—Several swollen glands beneath the right lower jaw, which prevent motion of the neck, with tensive pain on touch (after thirty-eight hours),[7].—The left side of the chin is painful to touch, as far as the corner of the mouth, as if suppurating (after four days),[9].—The lower jaw is painful to touch,[1].

Mouth.—Teeth. On chewing food, an acute sensation as if the back teeth were blunt and loose (after six hours and a half),[7].—Pain in the right lower back teeth, as if the gum and teeth were swollen, and the latter were elongated, for two days,[1].—Pain as if he had bitten something between the teeth,[1].—A (burning) pain in the left upper molars (after twelve hours),[7].—[**120.**] Stitches in the upper incisors,[6].—Itching in the upper and lower teeth,[1].—***Gum.*** The gum is swollen and painful when chewing,[1].—***General Mouth.*** Blisters, with stinging-burning pain on the inner surface of the cheek and on the margin of the tongue, so that she could eat nothing solid,[1].—***Tongue.*** Blisters on the margin of the tongue, with sore pain,[1].—***Saliva.*** Accumulation of saliva (after a quarter of an hour),[1].—Water accumulates in the mouth, with nausea (after twenty-four hours),[5].—***Taste.*** Sweetish taste in the mouth,[1].—A persistent bitter taste low down in the throat, not in the mouth,[1].—Bitter taste in the throat (after a quarter of an hour),[4].—[**130.**] The coffee (she is accustomed to take for breakfast) has a bitter and disgusting taste; dinner tastes well (second day); taste like Glycerin, from the ninth day until the nineteenth, then suddenly changing to that of fresh nuts; also desire for dainties; these symptoms disappeared after one drop of 30th attenuation of Saccharum lactis,[15a].—The (usual) tobacco has a rancid taste in the mouth and fauces, while smoking (after half an hour),[4].

Throat.—Hawking of mucus (after twenty-five hours),[7].—In the goitre, a sensation of working, distension, and pressure, as if everything would force out,[10].—In the goitre, a sensation as if it were loose, and as if everything were moving about in it, as if alive, especially on swallowing,[10].—Scraping in the throat, for several days,[12].—**Stitches in the goitre, even when not swallowing*,[10].—Sticking pain in the goitre when swallowing, when not swallowing slight aching,[10].—Sticking internally in the throat, especially after eating, and on the throat externally, a sensation as if something pressed outward, morning and evening,[1].—**Constantly recurring needlelike stitches above the pit of the throat, externally (in the lower portion of the goitre)*,[1].—[**140.**] Transient crawling in the throat (after one hour and a half),[9].—A burning in the throat and larynx, and afterwards in the ears,[1].—Extremely disagreeable relaxed sensation in the pharynx and stomach, as if he had drunk too much warm water, lasting several hours (after twenty-three hours),[5].

Stomach.—Appetite and Thirst. **Increased appetite*,[1].—**Great hunger;* she could not satisfy herself,[1].—Desire for dainties, with the taste of fresh nuts,[12a].—Diminished appetite,[2].—Excessive thirst, always after smoking (as usual),[4].—Thirst for cold water, in the evening (after thirty-

eight hours),[7].—***Eructations.*** Sour uprisings (after five hours),[4].—[150.] Eructations, several times (after several hours),[8].—Empty eructations (after half an hour),[1].—Bitter eructations (after one hour),[8].—***Hiccough.*** *Hiccough* (after eight hours and a quarter, thirty-three, thirty-seven, and fifty-seven hours),[7].—Repeated hiccough (after a quarter of an hour),[8].—***Nausea.*** Constant nausea,[1].—Nausea, while smoking, as usual (after thirty hours),[7].—Qualmishness, without vomiting,[10].—***Stomach.*** Pressure in the pit of the stomach, in the afternoon,[1].—Pressive pain in the epigastric region, lasting all the forenoon (after a quarter of an hour),[1].—[160.] She cannot tolerate any tight clothing about the trunk, especially about the epigastric region,[1].—Sensation of internal coldness in the pit of the stomach, with fulness (after a quarter of an hour),[4].

Abdomen.—Umbilicus and Sides. Fine stitches externally, about the navel (after two hours),[9].—Painful constriction in the left side below the stomach, while sitting, especially while lying sideways upon the right side (after seventeen hours),[5].—Pressive-tearing pain in the region of the abdominal rings of both sides, at various times, only while sitting,[5].—Strangulated sensation, which was aggravated by pressure of the hand, in the left side of the abdomen (after half an hour),[4].—Sensation of fine burrowing, as of something alive under the skin of the abdomen, in the left side above the hip, upon which he was lying in bed, in the morning (after twenty-two hours),[9].—Stitches in the right side of the abdomen, in the region of the liver (after one hour),[8].—***General Abdomen.*** Abdomen tense (after twenty-four hours),[1].—Emission of flatus and soft stool, without difficulty (after six hours),[3].—[170.] Rumbling in the abdomen and empty eructations (after half an hour),[1].—Difficulty and fulness in the abdomen after eating, as if digestion stopped,[1].—Weakness in the abdomen (soon),[12a].—Qualmishness in the abdomen, with frequent thin stools, like diarrhœa,[11].—Frequent griping in the abdomen, which was relieved by the emission of flatus (after fourteen hours),[7].—Colic, griping in the whole of the abdomen,[10].—Cutting in the upper part of the abdomen, after eating, in the morning (after twenty-six hours),[5].—Violent cutting colic, in the morning after eating, so that he is obliged to bend the abdomen up; with great urging to stool, when the stool is natural but scanty (after five days),[5].—Tensive pain in the upper abdomen, while walking, but worse on stooping (after one hour),[3].—Tensive pain in the upper abdomen, while sitting,[3].—[180.] Cramps in the abdomen (after six days),[1].—On smoking, heat in the abdomen, also extending up into the chest, without heat of the rest of the body, which, on the contrary, is affected with chilliness (after three hours),[9].—***Hypogastrium and Iliac Region.*** Griping low down in the abdomen, while sitting, compelling him to stand up because there seemed to be an urging to stool; but immediately after rising the pain was relieved, and on standing bent over it immediately disappeared (after ten hours),[4].—Griping in the lower abdomen, with loud rumbling (after five hours),[3].—Strangulated sensation, low down in the abdomen, relieved by emission of flatus, but very soon becoming worse (after seven hours),[4].—Tensive pain from the middle of the lower abdomen down to the anus (after eleven hours and a half),[3].—Cutting in the lower abdomen, extending into the left chest, in the evening after eating (after four days),[5].—Burrowing stitches in the lower abdomen, left side, noticed only on expiration, and worse on stooping (after ten hours and a half),[3].—Swelling of the glands in the right groin, with tensive pain, while walking,[7].—Pain in the

inguinal region, as in a hernia,[1].—[190.] Cramplike pain in the left groin, while sitting (after one hour and a half),[4].

Rectum and Anus.—Bruised pain, almost like a sore pain, in the anus,[1].—Sore pain during the evacuation of the stool, for several days (after two days),[5].—Twinging in the anus during stool, as though diarrhœa would occur (after four days),[9].—Twinging with every stool,[1].—Stitches in the anus and rumbling in the abdomen before every stool,[1].

Stool.—White diarrhœa (after forty-eight hours),[1].—(The first part of the stool is hard, the second soft),[1].—Stool hard, delayed seven hours (after nine hours),[8].—Many threadworms are passed daily; a crawling in the rectum, every evening,[1].

Urinary Organs.—[200.] (Pain in the neck of the bladder like a warning to urinate),[1].—*Frequent efforts to urinate* (after one hour and a half),[7].—Stream of urine very thin,[1].—(Inability to retain the urine),[1].—Increased flow of urine (fourth day),[12a].—(The urine froths like yeast),[1].—The clear, bright-yellow urine deposits on standing a yellow sediment (after twenty-three hours),[3].—The urine deposits a thick grayish-white sediment,[1].

Sexual Organs.—Male. Painful drawing stitches in the body of the penis out through the glans (after four days),[5].—Voluptuous itching on the tip of the glans penis, lasting several hours, and provoking rubbing (after fifty-two hours),[7].—[210.] Itching and burning on the scrotum and body of the penis, several times,[5].—***Pressive painful swelling of the testicles** (after ten and twenty-four hours),[1].—**Simple pain in the testicles, also when touched*,[1].—***A pinching, bruised, squeezing pain in the testicles**,[1].—**Large, somewhat blunt stitches shooting from the testicles into the spermatic cords*,[1].—***Spermatic cords swollen, painful**,[1].—***Female.*** Twice after a few doses, she miscarried at about six or eight weeks, but she did not suspect the cause until she noticed afterwards that, whenever she took a few doses, it brought on a flowing like the menses, which would continue several days,[13].—Menses much too early and profuse (immediately),[10].

Respiratory Organs.—**Dryness in the region of the larynx*, aggravated by hawking (after half an hour),[8].—A pressive pain in the region of the larynx, while singing (after six hours and a quarter),[4].—[220.] Painful pressure above the thyroid cartilage, aggravated by touch (immediately),[6].—Pressure in the larynx, in the evening (fifth day),[12a].—*Immediately after taking the drug, drawing towards and contraction in the larynx; in moving, severe pressing in the larynx, as if with a nail; *voice cracked; hoarseness increasing, so that she can speak only with difficulty; the larynx feels painful to the touch, as if swollen*,[12a].—Scraping, burning, and constriction in the larynx,[11].—Fine jerking stitches externally in the region of the larynx, at various times,[5].—***The region of the thyroid gland seems indurated** (after four days),[9].—Sensation in the thyroid and cervical glands on breathing, as if air forced in and out,[1].—***Voice.*** ***Hoarseness**,[1].—**Voice cracked; hoarseness increasing, so that she can speak only with difficulty* (first day); *voice cracked* (second day),[12a].—***Cough and Expectoration.*** **Cough and coryza, very violent*,[1].—[230.] ***Incessant cough, from a place low down in the chest, where it pains as if sore and bloody, from coughing** (after half an hour),[1].—(Frequent cough, at night, for two minutes, with a fretful look),[1].—Hollow cough with some expectoration, day and night,[2].—***Dry cough** (after a quarter of an hour),[1].—***Dry cough, day and night, with burning in the chest, as from something hot internally; after eating and drinking the cough disappears**,[1].—**Expectoration of saltish-tasting*

slime (second day); of much adhesive mucus, at 8.30 A.M. (third day),[12a]. —***Respiration.*** Slow deep respiration, as after exhaustion, lasting several minutes (after half an hour),[1].—After dancing, violent catching of the breath, very rapid sobbing respiration,[1].—***Difficult respiration, as if a plug were sticking in the larynx, and the breath could not get through on account of the constriction of the larynx** (after half an hour),[11].—(Great dyspnœa), (after ten days),[1].

Chest.—[240.] ***Pain in the chest and bronchi, with rawness in the throat, when coughing,**[1].—Sudden pain in the muscles of the chest and back, left side, at the same time as if a broad pointed substance were being forced out (a broad pressure), with many fine stitches (after three days),[9].—Painful pressure beneath the short ribs, on coughing (after one hour),[4].—Fine stitches on the chest externally, and on the arms, for several days,[1].—Sticking itching in the left chest, extending towards the shoulder (after a quarter of an hour),[1].—Pressure in the left side of the chest, together with several stitches, during motion and rest,[5].—A pinching jerk, from within outward, in the left side of the chest (after twenty minutes),[9].—Sticking-pinching crawling in the left side of the chest, in the region of the sixth and seventh ribs, which are painful on external pressure (after ten hours),[9].—A pressive-cutting pain in the left side of the chest, on deep inspiration; felt but little at other times (after three days),[9].—Boring stitch in the right costal muscles, persistent during inspiration and expiration (after seven hours),[3].—[250.] Violent needlelike stitches, from within outward, in the right side of the chest (after fifty-six hours),[7].—Transient painful stitches in the right side of the chest; when rubbing the place it seems as though a weight were drawn downward under the skin (after fifty hours),[7].—Drawing stitches in the left side of the chest, while sitting, with the back somewhat bent, but especially on deep slow inspiration (after five days),[5].—Drawing stitches beneath the second left rib, only when walking (after eight hours),[5].—Violent intermittent stitches in the left side of the chest (after one hour and three-quarters),[7].—In the evening, induration of the left breast, at a space of two inches length by half an inch thickness, painful to the touch, disappearing in the morning (eighth day),[12a].

Heart and Pulse.—***Palpitation of the heart and rush of blood to the chest** (soon),[12a].—**Pulse increased in fulness and rapidity* (after half an hour),[8].

Neck and Back.—Neck. Stiffness of the neck, when stooping or turning the head,[11].—**Painful sensation of stiffness in the left side of the neck on turning the head to the right side* (after half an hour),[4].—[260.] Pain as if the cervical glands near the larynx and trachea were swelling (after three hours),[1].—Sensation as if the cervical glands would become swollen (after fourteen hours),[1].—After opening the mouth wide, and biting the teeth together hard, a painful cramp in the cervical muscles, which forcibly drew the jaw downward, with a heaviness in the articulation, as if it would be put out of joint,[5].—Frequently recurring pressive-cracking pain in the left side of the nape of the neck, close to the scapula, not affected by any motion (after seven hours and a half),[4].—Cracking in the nape of the neck on stooping (after sixteen hours),[5].—Slight intermittent pressure in the right side of the neck, as if the skin were pressed between the fingers; the region of the jugular vein is also painful to external touch,[6].—Tension in the cervical muscles, especially on the right side, on bending the head backward (after three days),[9].—Painful tension in the left side of the neck, near the larynx, on turning the head to the right side (after one hour and

a half),[9].—Jerking in the right cervical muscles, while lying down (after twenty-four hours),[3].—A transient stitch in the left side of the neck (after one hour and a quarter),[9].—[270.] Large slow stitches in the right cervical muscles, immediately on waking from sleep, disappearing on swallowing, and then immediately returning (after twenty-three hours),[4].—Drawing needlelike stitches through the left side of the neck (after sixty hours),[9].—***Back.*** Pain in the back, followed by palpitation all day, previous to the menses,[1].—A pressive sensation, extending upward and downward through the spine, while sitting erect (after six hours),[4].—***Dorsal.*** Pain in the scapulæ, as if pierced by something sharp, a constant sticking pain, associated with soreness (after a quarter of an hour),[9].—Extremely painful fleeting stitch on the right scapula (after seventeen hours),[5].—***Lumbar.*** The small of the back and nates are very numb,[1].—Pressive pain in the small of the back, only when walking, especially on stepping with the left foot (after a quarter of an hour),[5].—Violent stitch in the small of the back,[1].—During stool, pressure in the lumbar region, caused by flatus (after thirty-six hours),[9].—[280.] Dull stitches in the right lumbar muscles (after six hours),[3].—***Sacral.*** Fine tearing on the sacrum, from right to left, and from below upward, only while sitting (after five days),[5].—Dull pain at the union of the right ilium and sacrum, while standing (after twenty-seven hours),[5].

Extremities.—Stretching of the upper and lower extremities (after a quarter of an hour),[1].—Constant weakness and bruised sensation in all the limbs, especially in the muscles of the lower extremities (after two hours),[8].

Superior Extremities.—Stretching of the arms (after three-quarters of an hour),[1].—(Burning in the arms and hands),[1].—***Shoulder.*** *Twitching of the muscles about the left shoulder-joint*,[3].—Fine stitches in the axilla, while sitting (after one hour),[9].—Burning on the left shoulder (after sixteen hours),[5].—***Arm.*** [290.] Sticking drawing through the upper arms (after a quarter of an hour),[9].—***Elbow.*** Pressive pain in the tip of the left elbow (after three-quarters of an hour),[1].—Stitches in the elbow-joint, on motion,[1].—On flexing the arm, a stitch in the tip of the elbow, followed by tearing in the joint, so long as the arm remained bent,[1].—***Forearms.*** Trembling of the forearms and hands (after a few minutes),[9].—Heaviness of the forearms (after half an hour),[9].—Cramplike pain, with slow bubbling on the upper part of the forearm, below the elbow, especially when leaning upon the arm (after three days),[9].—Drawing pain in the forearms,[1].—Pain in the left forearm, as if the bones were compressed (after one hour),[1].—Violent boring-outward stitches in the internal muscles of the right forearm (after half an hour),[7].—***Wrist.*** [300.] Drawing pressive pain upon the right wrist (after six hours),[4].—Violent drawing in the left wrist (after three days),[1].—A decaying sensation in and above the wrists (after three-quarters of an hour),[9].—Tensive pain in the left wrist, during rest and motion (after a quarter of an hour),[1].—Several stitches in the right wrist, during rest (after a quarter of an hour),[1].—***Hand and Fingers.*** Swelling of the hands; she could not bend the fingers,[1].—Pressive pain in the first finger-joints of the right hand (after a quarter of an hour),[1].—Pinching drawing inward in one point in the middle of the palm of the hand (after a few minutes),[9].—The middle joint of the left middle finger was thick and red, and tense on bending it,[1].—*Cramplike pain in the ball of the right thumb, lasting all day, and on moving the hand, also extending into the thumb* (after one, fourteen and a half, and twenty-

five hours),[7].—[**310.**] Cramplike pain in the ball of the left thumb, only on moving the hand, all day (after six hours),[7].—Painful drawing in the first phalanx of the left thumb, extending into the forearm (after one hour and a half),[5].—A constant stitch, associated with sore pain, in the last joint of the thumb (after one hour and a half),[9].—The tips of the index fingers lose sensation without becoming pale (after three-quarters of an hour),[9].

Inferior Extremities.—The lower extremities seem quite stiff,[1].—Weariness of the lower extremities (after half an hour),[8].—***Thigh.*** Sudden jerkings of muscular fibres in the right nates,[5].—Tension in the upper end of the thigh, on every step, as though a muscle were too short, always accompanied by a stitch (after a quarter of an hour),[9].—Drawing in the thighs and legs, during the menses,[1].—Pain on the inner side of the thigh above the right knee, a pressure extending backward (after a quarter of an hour),[1].—[**320.**] Sharp pulsating stitches through the right thigh, above the knee, in the morning in bed (after twenty-two hours),[9].—Constant drawing stitches in the upper part of the thigh, just below the left groin, especially when walking (after two hours and a half),[5].—A violent stitch boring outward in the forepart of the right thigh, near the hip (after eight hours),[7].—Fine excessively acute stitch in the inner side of the right thigh (after fifty-four hours),[5].—***Knee.*** Weakness of the knees, as if they would give way while walking, though he stood firmly upon his feet (after four hours),[4].—Heaviness in the knee-joints, noticed when walking (after one hour),[9].—Jerking, like drawing pressure, in the hollow of the left knee, only on bending the knee, and alternating with a similar sensation in the axilla (after six hours),[4].—Violent drawing in the left knee, followed by profuse perspiration, at night,[1].—Pressive pain in external tendons of the flexors of the right popliteus, worse while walking than while sitting (after seven and nine hours),[5].—Sticking, with pressive pain above the right knee (when sitting), (after four hours),[4].—[**330.**] Dull sticking in the left knee, in the evening when lying down (also continuing during motion), lasting a quarter of an hour (after forty-one hours),[7].—***Leg.*** Great excitement and uneasiness in both legs; was frequently obliged to change the position (after sixteen hours and a quarter),[5].—Falling asleep, first of the right, then of the left leg, after a slight nap at noon; on attempting to walk, the left leg was spasmodically drawn up towards the thigh; even while sitting he was unable to hold it outstretched, for it became spasmodically drawn backward (after five days),[5].—Sensation on the lower portion of the left tibia as if a weight were hanging upon it, while walking rapidly (after three days),[9].—Tearing sensation of heaviness in the left tibia, close to the ankle (after thirty-four hours),[4].—Tearing in the tibia the whole afternoon,[1].—Sharp stitches in the right calf, while walking (after one hour and a half),[9].—***Ankle.*** Drawing tearing, extending from the right ankle to the knee (after eight hours and a half),[5].—Tearing in the malleoli; the feet are as heavy as lead, extending up into the tibiæ,[1].—***Foot.*** Drawing pain, extending from the sole of the right foot up into the thigh (after eleven hours and a half),[5].—[**340.**] Crawling in the sole of the left foot, coming on while walking, and not disappearing while sitting (after one hour),[9].—Pressive pain in the right heel, aggravated by walking (after one hour and a half),[7].—Violent needlelike stitch, extending out of the right heel, while standing (after half an hour),[7].—Needlelike stitches, extending upward, in the right heel, while sitting (after six hours),[7].—Violent intermittent needlelike stitches from within outward, in the left heel, while

standing, disappearing on motion (after one hour),[7].—(Needlelike stitches in the heels, while sitting after a long walk, lasting an hour),[1].

Generalities.—**After some exertion she suddenly became weak;* **the chest was especially affected, she could scarcely talk**; *became hot in the face and nauseated; after a few hours heaviness of the head,*[1].—**After moderate motion in the open air she suddenly became weak and sank upon a chair; with great anxiety, nausea, paleness of the face,* **short sighing respiration, with surging of the heart into the chest, as if it would force out upward**; with involuntary closing of the eyes, almost spasmodic, and forcing out of tears from between the closed lashes; she was conscious, but unable to make the will act upon the body,[1].—***After every even slight motion of the body she became weak, with orgasm of blood in the chest, the face became hot, the body began to glow, the vessels were hard and distended, and her breath left her; only after resting a long time could she again recover herself,*[1].—Great weariness and inclination to sleep (after one hour),[5].—[**350.**] Weariness of the whole body, especially of the arms,[1]. —**Extreme exhaustion of body and mind; she prefers to be perfectly indolent, and to rest,*[1].—**So great heaviness of the body, that while walking in the open air, he was obliged to sit down upon the ground, without sleepiness* (after nine hours),[7].—He awoke, with bruised pain over the whole body,[1].—Bruised feeling in the upper part of the body (after twenty-four hours),[1].—Feeling of numbness of the lower half of the body,[1].—Painful stitches in various parts of the body, provoking scratching (after forty-nine hours),[5].—**She feels best when resting in a horizontal position,*[1].

Skin.—Objective. Causes an itching eruption on the skin, and red itching spots,[1].—Red swelling of the right antitragus, with a pimple which discharges like an ulcer for nine days; the ear is painful to external pressure (after twenty-four hours),[1].—[**360.**] Eruption on the tip of the nose and on the lips,[1].—An inflamed node in the left concha, just at the entrance of the meatus, which at last becomes covered with a scab and is painful to touch, for several days,[5].—Several large pimples, painful to pressure, on the neck beneath the chin (after twelve hours),[1].—Boil, painful to touch, on the left ear (after one hour),[11].—Large blisters on the right forearm,[1].—

Subjective. Creeping in the skin, always in a small spot, often lasting a minute, in different parts of the body, at any time of day, after which the spot becomes red and hot, followed by biting itching, as from a flea (without stinging), followed by development of urticaria-like blisters, not relieved by scratching, but rather seeming to last longer after scratching (after two hours),[1].—Constant violent burning on the chin beneath the right corner of the mouth, as if an eruption would appear; aggravated when the skin is made tense (after six hours),[5].—A burning itching which provokes scratching, especially on the back, at night; he only slumbers, and constantly tosses about, with thirstless heat over the whole body, especially towards morning,[9].—Here and there over the whole body, persistent itching stitches, as from a very fine needle, which provoked rubbing, but was not relieved thereby,[9].—Constant prickling itching in the left axilla, while sitting (after five hours),[5].—[**370.**] A constant prickling itching provoking scratching in the hollows of the knees, while walking (after five hours),[5].—Tickling itching of the left thigh, close to the groin, obliging him to rub it (after two hours and a half),[7].—Biting itching on the chest, especially when feeling cold, on the pit of the stomach, on the back, lower portion of the upper arms, at other times only on the feet; on rubbing, the spots became red, and for a short time the biting is aggra-

vated; then blisters formed, but soon disappeared,[1].—If she scratches the itching spot, the itching occurs in many other parts,[1].—Itching over the whole body, as on the outbreak of perspiration, which provokes rubbing, and constantly recurs, in the morning on waking (after forty-eight hours),[7]. —Itching on the left cheek (after half an hour),[1].—Itching on the ball of the left thumb, not relieved by rubbing (after three-quarters of an hour),[1]. —Voluptuous itching on the backs of the toes of the right foot, provoking scratching, in the morning on waking (after twenty-four hours),[7].

Sleep.—Sleepiness. *Sleepiness with yawning, without inactivity, in the afternoon* (after eight, and thirty-three hours),[7].—***Sleeplessness.*** At night almost wholly sleepless, with frightful dreams of death and murder (sixth night),[5].—[**380.**] Sleepless till midnight,[1].—Frequent waking, as from fright, at night,[7].—Very short sleep, with many dreams, four nights in succession; he woke about midnight, but could not fall asleep again on account of uneasiness, since, till morning, he only needed to close his eyes to be wide awake; the most vivid images passed before him; at one time it seemed as if a battery were discharged; at another, everything was enveloped in flames; at another, scientific subjects crowded upon his mind; in short, numerous subjects were mingled in his fancy, which immediately disappeared on opening his eyes, but returned on closing them,[5].—He could not sleep; as soon as he fell asleep he was full of reveries and fancies, his forehead seemed thick and sore to touch, a pressive pain over the eye, aggravated by stooping, as if everything would press out at the forehead; he seemed chilly and cold in the back; this lasted, with chilliness, for twenty-four hours,[1].—Towards morning, starting out of sleep from a shock experienced in the direction from the trachea upwards, as if she would be suffocated, passing off on sitting up in bed (first night),[12a].—Attacks; starting out of sleep from a sudden lacing together in the larynx, as if she would be smothered, so that she must sit up quickly and hawk strongly and hastily, after which the attack goes off, at 10.30 P.M. (second night),[12a].—A little after 5 A.M., starting out of sleep from sudden burning, compressing, drawing towards the throat, accompanied with anxiety, disappearing on sitting up in bed (fourth morning),[12a].—Several times she spoke aloud during sleep, though not anxious,[1].—***Dreams.*** *Sleep interrupted by dreams,*[7].—Vexatious and lachrymose anxious dreams,[1].—[**390.**] Fatiguing dreams,[1].—Sad dreams,[1].

Fever.—Chilliness. Shivering and chilliness over the whole body, especially on the back, though he stood by a warm stove, without thirst, lasting two hours (after half, and twenty-two hours and a half),[5].—Cold feeling on scalp of vertex, at 11.15 A.M. (second day),[14].—Coldness, paleness, and sweat of the face, with heat of the whole body,[1].—Violent chilliness in the back, not relieved by the warmth of the stove (after one hour and a half),[5].—A feeling of coldness on the back, in the region of the last ribs (after three-quarters of an hour),[9].—Cold hands,[1].—Sensation of coldness in the lower extremities,[1].—***Heat.*** Fever; in the morning, first pain in the head and abdomen, followed by violent shaking chill, with cold blue hands and some thirst; afterwards, while lying down, a dry burning heat, with some thirst and much restless slumbering, for thirty-six hours; throughout the night, while awake and moving, nausea and vertigo; at intervals of twelve hours slight perspiration, when from time to time the heat moderated; afterwards, tearing and sticking in the left eye and left cheek, and eruption on the lips,[1].—[**400.**] **Several attacks of heat, with anxiety, daily; pain in the præcordial region; weeping and inconsolable;*

she longed to die on the spot,[1].—**Sudden apprehensive warmth over the whole body, with heat and redness of the face and perspiration* (after half an hour),[10]. —Increased warmth of the whole body, with thirst,[1].—Violent heat on the forehead, alternating with shivering on the back, without thirst, in the afternoon (after ten hours),[8].—Sensation of burning heat in the forehead, without externally perceptible heat, with hard rapid pulse, for half an hour (after a quarter of an hour),[8].—Violent one-sided heat of the face, that was renewed even on thinking of it,[1].—Flushing heat of the face and in the blood, and nervous excitement,[1].—He was feverish in his limbs and inclined to stretch (after thirty hours),[3].—***Sweat.*** He lay in perspiration all over, in the morning on waking (after twenty-five hours),[7].—Cold perspiration on the face, and at the same time increased sensation of warmth through the whole body, in the evening while sitting,[1].

***Conditions.*—Aggravation.**—(*Morning*), Outward-pressive sensation in throat; after eating, cutting in upper abdomen; in bed, stitches through right thigh; on waking, itching; perspiration all over.—(*Afternoon*), Headache; pressure in pit of stomach; tearing in tibia; heat in forehead.—(*Evening*), Sticking in eyes; while eating, pain from left articulation of jaw to cheek; in bed, stitches from jaw into ear; outward-pressive sensation in throat; thirst for cold water; after eating, cutting in lower abdomen.—(*Night*), Cough; itching on back.—(*Bending head backward*), Tension in cervical muscles.—(*Coughing*), Pain in chest and bronchi.—(*After eating*), Sticking in throat; difficulty and fulness in abdomen.—(*Entering warm room from open air*), Headache in right half of brain.—(*Expiration*), Stitches in lower abdomen.—(*Hawking*), Dryness in larynx.—(*Deep inspiration*), Pain in left side of chest; stitches in left side of chest.—(*Lying down*), Headache in right parietal bone; jerking in right cervical muscles. —(*During menses*), Drawing in thighs and legs.—(*Motion*), Stitches in forehead and occiput; bristling of hair on vertex; stitches in elbow-joint.—(*Moving eyes*), Sticking pain in left external canthus.—(*Moving hand*), Pain in ball of left thumb.—(*Pressure*), Strangulated feeling in left side of abdomen.—(*Sitting*), Vertigo; pain in left side of forehead; contraction in left side below stomach; pain in abdominal rings; pain in upper abdomen; griping in abdomen; pain in left groin; tearing on sacrum; stitches on heels.—(*Staring at a point*), Headache and lachrymation.—(*Before stool*), Stitches in anus and rumbling in abdomen.—(*Stooping*), Heaviness and fulness in head; pain in upper abdomen; stitches in lower abdomen; stiffness of neck; cracking in nape of neck.—(*Swallowing*), Pain in goitre. —(*Touch*), Pressure above thyroid cartilage.—(*Turning head*), Stiffness of neck.—(*Walking*), Stitches in forehead; heaviness in occiput; pain in right groin; drawing stitches beneath second left rib; pain in small of back; stitches in upper part of thigh; pain in tendon of right popliteus; stitches in right calf; crawling in sole of foot; pain in left heel.—(*Walking in open air*), Pain in left ear.

Amelioration.—(*Emission of flatus*), Griping in abdomen.—(*Resting in a horizontal position*), Feels best.—(*Rising from sitting*), Pain in left side of forehead.—(*Touch*), Pain in left of external canthus.

SQUILLA.

Urginea maritima, Baker. (Scilla maritima, Linn.)
Natural order, Liliaceæ.
Common names, Squills; (G.), Meerzwiebel; (F.), Ognon marin.
Preparation, Tincture of the bulbs.
Authorities. (Nos. 1 to 23 from Hahnemann, R. A. M. L., 3, 265.) **1**, Hahnemann; **2**, Becher; **3**, Hartmann; **4**, Hornburg; **5**, Mossdorf; **6**, Stapf; **7**, Teuthorn; **8**, Walther; **9**, Wislicenus; **10**, Bergius, Mat. Med., p. 278 (observation, Hughes); **11**, Caspari, Diss. de Scilla, p. 11 (observation, Hughes); **12**, Cohausen, Commerc. Lit. Norimb., vol. xii (p. 399, observations on patients, Hughes); **13**, Crantz, Mat. Med., ii, p. 83 (observations, Hughes); **14**, Home, Clinical Exper., p. 394 (observations, Hughes); **15**, Lange, Med. Dom., Brunsvic, p. 176 (effects of a spoonful of powdered Squills); **16**, Ludwig, Adversaria Med., vol. ii, p. 713 (observation, Hughes); **17**, Muzell, Wahrnehm., ii, p. 34 (observation, Hughes); **18**, Schulze et Schrœter, Diss. Asthma, rad. Scillæ usu sublatum, Halæ, 1735 (observation on a case of anasarca, Hughes); **19**, Tissot. Epist. Med., pract. edit., Bald, p. 207 (statements, Hughes); **20**, Valentine, Hist. Simpl. Reform, lib. ii, sect. 2, cap. 34 (observation, Hughes); **21**, Wagner, Observ. Clin. Lüb., 1737 (observation, Hughes); **22**, Weikard, Vermischte Schriften, i, p. 245 (observation, Hughes); **23**, Zwelfer, Pharmac. Regia, p. 146 (statements, Hughes); **24**, Voigtl (Arzneimittell), from Wibmer, effects of exhalations of fresh Squills; **25**, Prof. A. T. Thomson, Lancet, 1836–7 (2), p. 851, alarming symptoms caused by the ordinary medicinal dose of the tincture or by the powder of the dried Squills; **26**, Dr. Wolfering, Med. Corr. Blatt. Bayerischn. Aerzte, No. 5, 1842 (Lond. and Edinb. Month. Journ. of Med. Sci., 1843, p. 79), a laborer, æt. fifty-eight years, digested some Squills cut in small pieces in 280 grams of white wine, and took over half of the mixture, death on the second day; **27**, Austrian Soc. Allop. Physicians, Zeit. Gesel. de. Aerz. zu Wien, 1847, proving of the extract, beginning with $\frac{1}{4}$ grain and increasing to 19 grains; **28**, William A. Hammond, M.D., Am. Journ. Med. Sci., 1859 (1), p. 275, 2 grains of the dried bulb three times in twenty-four hours; **29**, Dr. Pieper, All. Cent. Zeit., 1865 (Monatblatt, vol. xiv, p. 46), a young man took at first 3 grains four times a day; **29** *a*, same, subsequently took doses of $\frac{1}{2}$ to 1 scruple; **30**, Berridge, New York Journ. of Hom., vol. ii, 1874, p. 311, Miss —— took a dose of 1^{m} (Jenichen).

Mind.—Lively, joyous mood,[7].†—Courage, firmness,[1].—Anxiety,[12 16].—Anxious mood; fear of death,[6].—Great anxiety,[19].—Ill-humored at every work; he was cool to people and did not answer,[2].—Great ill-humor,[27].—Fretful and averse to mental work,[9].—Whining,[15].‡—[**10.**] Vexed about trifles,[1].—Indolence, with aversion to all kinds of mental work, in the morning,[4].—Disinclined to think and write,[3].—Disinclination to think and depression (after one hour),[8].

Head.—Confusion and Vertigo. Confused feeling and heaviness in the head, with quiet sleep without dreams, in the morning (after seventy-two hours),[2].—Vertigo, as if he would fall sideways, in the morning on rising from bed (after forty-eight hours),[1].—Vertigo, with nausea,

† Probably curative action.—HAHNEMANN.
‡ On account of pain of S. 124.—HUGHES.

as if he had been turning in a circle a long time,[4].—*Cloudy dizziness in the head* (after two minutes),[1].—***General Head.*** Heaviness in the whole upper part of the head, in the morning after waking,[2].—Unusual heaviness in the whole head, as if he could not hold it still, only while sitting,[3].—[20.] Weak and dreamy in the head (after six to twelve hours),[1].—Flattening pressure over the whole head, as from a weight (after twelve hours),[2].—(Pressive-tearing headache, which does not prevent mental work), (after twelve hours),[1].—Dull tingling headache, in the morning after rising,[2].—Swashing in the head on shaking it,[1].—***Forehead.*** Pressive-drawing pain in the forehead,[3].—Pressive pain in a small spot in the left frontal eminence,[3].—Burrowing headache in the forehead,[3].—A painful piercing thrust in the left frontal eminence (after one hour),[3].—Drawing stitch from the forehead into the right ear,[1].—[30.] Some painful stitches in the forehead, from the left to the right side, associated with drawing,[3].—*Some slow stitches extending into the right side of the forehead,*[3].—Stitches in the right frontal eminence, extending down to the nose,[3].—Dulness in the sinciput and occiput, as after intoxication, with pressure anteriorly and posteriorly in the head,[3].—***Temple.*** *Contractive pain in both temples,*[1].—Violent drawing stitches in the right temple; they seem to constrict half of the brain,[1].—Drawing ending in a stitch in the right temple (after half an hour),[3].—Stitch in the right temple, extending to the forehead,[1].—***Vertex and Parietals.*** Painful sensitiveness in the top of the head,[9].—Painful sensitiveness on the top of the head and stupefaction within the head, every morning,[9].—[40.] Pinching headache in the sides of the head (after half an hour),[1].—***Occiput.*** Transient pressure in the occiput,[2].—*Sudden transient drawing pain in the occiput, from the left side to the right,*[3].—Drawing, sticking, long-continued pain in the occiput while sitting,[3].—Tearing pain in the occiput,[2].

Eye.—The left eye is visibly smaller than the right; the left upper lid seems swollen and hangs down perceptibly and makes the eye smaller,[6].—Staring look,[3].—The eyes seem swimming in cold water, for several minutes,[6].—Violent tearing in both eyes, at the same time also behind the eyeballs,[2].—Contractive sensation in the right eye,[1].—[50.] Itching of the left eye (after twenty-four hours),[1].—***Lids.*** Tickling in the left external canthus,[1].—A swarm of fine stitches in the left external canthus,[2].—Fine burning in the external canthi,[4]. — ***Lachrymation.*** Lachrymation and sneezing,[24].—***Pupil.*** Dilatation of the pupils,[25].—Great dilatation of the pupils (after two minutes),[1 6].—*Contraction of the pupils* (after five hours),[1]; (after half an hour),[2]; (after one hour),[3].—Great contraction of the pupils (immediately),[7].

Ear.—*Tearing pain behind the left ear,*[3].—[60.] (Tearing pains within both ears),[1].

Nose.—*Violent constant sneezing and fluent coryza* (immediately),[5 9].—(She sneezes a few times, at night),[1].—**Attack of violent fluent coryza, in the morning* (after six days),[9].—**Very violent coryza; the eyes have a dim weak look, and are full of water, in the forenoon* (after seven days),[9].—*Coryza, with ulcerated nostrils,*[1].—Biting coryza, with frequent sneezing (after forty-eight hours),[2].—**Acrid mucus in the nose,*[1].—(Discharge of mucus from the nose),[1].—Dry coryza,[1].—[70.] **Sensation of soreness on the margins of the nostrils,*[1].

Face.—The expression of the face varies, at one time very much sunken, at another lively, without heat or chilliness,[6].—Features drawn, tense, with large eyes and dilated pupils, staring looks, and redness of the cheeks, without thirst,[3].—Face red and burning (after twenty-four hours),[26].

Mouth.—Tongue. Vesicles on the tongue,[1].—***General Mouth.*** Roughness and scraping far back in the upper part of the palate,[6].—Burning on the palate and in the throat,[4].—Scraping burning in the palate, similar to heartburn (after five and six days),[9].—Stitches extending upward in both upper canine teeth, as if a sharp cold air penetrated the teeth, when eating and drinking either cold or warm things,[1].—Mouth seems sticky and slimy,[6].—***Saliva.*** [**80.**] Increased secretion of saliva (immediately),[29].—***Taste.*** An unpleasant taste, with a whitish-yellow tongue (fifth day),[29].—Bitter taste,[27].—(Everything tastes sour and bitter),[1].—Burnt taste in the mouth, even while chewing food, which remained after eating, and was noticed only while swallowing food,[2].—Disgusting sweetish taste of all food, especially meat and broth (after forty-eight hours),[2].—Taste is diminished and seems blunted,[9].—Tastelessness, when smoking tobacco,[4].

Throat.—*In ten minutes it produced irritation in throat, with heat and tickling, causing constant coughing, for one hour and a half,*[30].—**Slight irritation to cough, in the pit of the throat, in the upper part of the trachea;* he hawks a few times (after one hour),[6].—[**90.**] Pain in the submaxillary glands (after three hours),[1].

Stomach.—Appetite and Thirst. Ravenous hunger (after a few hours),[7].—Insatiability, while eating what tastes good; the stomach seems full and yet he is hungry,[3].—Diminished appetite,[29].—Weak appetite,[9].—Prostrates the appetite,[10].†—Loss of appetite,[27].—Loss of appetite, partly on account of sensation of fulness, partly because the food has a burnt taste, partly because some food has no taste, for example, broth and meat, also on account of a disgusting sweetish taste, as bread and butter,[2].—Complete loss of appetite,[18].‡—Complete loss of appetite, could eat nothing, and yet taste was unimpaired,[1].—[**100.**] Increased thirst,[29].—Thirst, with chilliness, in the evening, without internal or external heat,[1].—***Eructations.*** Frequent eructations,[27].—Frequent eructations of a sour taste rising into the mouth,[1].—Eructations tasting of the food and qualmishness, after dinner,[2].—Eructations of a disgusting taste,[6].—Short eructations,[6].—Tasteless and odorless eructations,[29].—Empty eructations,[3 6].—Empty eructations, for several hours (after one hour),[1].—***Nausea and Vomiting.*** [**110.**] Nausea, with eructations,[5].—*Excessive nausea,*[10 12 17 26].—*Nausea, in the back of the throat, almost constant accumulation of saliva in the mouth* (after forty-eight hours),[2].—Constant alternations between qualmishness in the pit of the stomach and symptoms of diarrhœa in the lower abdomen; when one is present the other is absent, though there are more indications of diarrhœa,[6].—Nausea and inclination to vomit,[27].—Retching,[29a].—Excessive efforts to vomit,[17 19].—Inclination to vomit, in the epigastric region,[4].—Vomiting,[12 17].—***Stomach.*** It spoils the power of digestion,[10].—[**120.**] Enervates forces of the stomach,[19].§—Pressure in the stomach,[27].—Pressure as from a stone, in the stomach,[18].‖—Intermittent pressure in the stomach (after half an hour),[3].—Excessive pain in the stomach,[15].—Cardialgia,[23].¶—Painful pinching in the pit of the stomach below the chest,[4].—Fine stitches in the left side of the pit of the stomach (after thirty-two hours),[9].—Sensation of warmth in the stomach,[29].—Discomfort in the stomach,[29].—[**130.**] Symptoms of a moderate gastric and intestinal catarrh,[29].

Abdomen.—Umbilicus and Sides. Griping in the umbilical

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† Revised by Hughes. ‡ Not found.—HUGHES. § Revised by Hughes.
‖ Not found.—HUGHES. ¶ Original revised by Hughes.

region,[27].—Pain in the side of the abdomen, as if the intestines were forcing through, when coughing and walking,[1].—Pressive stinging pain in the abdominal muscles of the left side (after twenty-four hours),[1].—Bubbling sensation in the muscles of the right side of the abdomen,[1].—***General Abdomen.*** Abdomen distended,[27].—Flatulence,[27].—Profuse emission of very offensive flatus (after one hour),[7].—Incessant emission of noisy, very offensive flatus, which only momentarily relieved the abdomen,[6].—Loud flatus always passed immediately on touching the abdomen, even frequently,[6].—[**140.**] Frequent emissions of flatus (after twenty-four hours),[2].—Short abrupt emission of flatus,[6].—Painful rumbling and gurgling in the abdomen,[4].—Enteritis,[23].—Sensation of emptiness in the abdomen, as if one were hungry,[3].—Abdomen so tender that the slightest covering could not be borne (after twenty-four hours),[26].—Acute painfulness in the abdomen, which was greatly distended though soft,[6].—Pains in the abdomen,[29].—Griping in the abdomen,[8].—Griping and rumbling in the abdomen, as from flatus, which passed (after fourteen hours),[3].—[**150.**] Griping and rumbling from gas, in the abdomen,[27].—Colic,[29a].—Violent colic,[25 26].—Tension in the abdomen, which, however, feels soft,[6].—Tension in the abdomen,[27].—Drawing pain in the abdomen, worse when walking, and not relieved by pressure (after twenty-eight hours),[2].—Tearing through the abdomen below the umbilicus (after four hours),[9].—Increased warmth in the abdomen,[27].—***Hypogastrium and Iliac Region.*** Incarceration of flatus and cutting in the lower abdomen, without emission of flatus,[2].—Rumbling and gurgling by paroxysms, in the lower abdomen above the pubic region, as from flatus, which, however, does not pass (more frequently while walking and standing than while sitting), after eating it suddenly and permanently disappears,[6].—[**160.**] Griping in the lower abdomen, renewed the next day at the same hour, relieved and removed by the emission of flatus,[1].—Acute pain in the lower abdomen, between the navel and pubic region (as from flatus or as after a purge, or as if diarrhœa would come on), (after two hours),[6].—Cutting griping in the lower abdomen,[3].

Anus.—Stitches in the anus, when walking (after eight days),[9].—Itching in the anus,[1].

Stool.—Diarrhœa. Diarrhœa,[25 29a].—Diarrhœa, from 2 to 7 A.M., at last very watery, almost without flatulence,[6].—Diarrhœa of large brown, very thin, slimy, very offensive fæces, without pain or tenesmus, preceded by emission of flatus, and mingled with threadworms and many white unformed fibres,[6].—Stool soft, almost liquid, smelling strongly of sulphuretted hydrogen, accompanied by pain in the small of the back and tenesmus, followed by relief of the griping in the abdomen,[27].—Frequent soft stools, with burning in the anus (from larger doses),[27].—[**170.**] Stool soft,[29].—Pasty stool, without colic,[2].—Stool colored with blood,[19].—Stool sluggish (from very large doses),[27].—Stool diminished at first (from small doses),[27].—Very hard stool, daily,[9].—Hard scanty stool, in the evening (after twelve hours),[2].—***Constipation.*** Constipation, for several days,[6].—Constipation, after the proving,[27].

Urinary Organs.—Urethra. Sticking in the orifice of the urethra and somewhat farther back (after two hours and a quarter),[9].—[**180.**] Sticking pain in the urethra, while pressing at stool (after eight days),[9].—***Micturition and Urine.*** After urinating, desire to urinate again, though there is no urine to pass, lasting three days (after five hours),[1].—* *Violent urging to urinate, he passed an unusual amount of urine that looked like water* (after

seven hours),[2].—**Great desire to urinate* (after a quarter of an hour),[3].†—Great desire to urinate and for stool; on first urinating, a thin stool without colic (after ten minutes); on the second desire to urinate, there followed a thin stool without colic,[3].—Great desire to urinate, with very little urine (after forty hours),[1].—Constant and ineffectual desire to urinate (after a quarter of an hour),[8].—Infrequent desire to urinate and scanty secretion of urine (after twenty hours),[1].—Woke at night to urinate (after eighteen hours),[7].—Frequent evacuation of urine, as clear as water; there was a sudden desire to urinate (after one hour),[6].—[**190.**] **Unable to retain the urine because the amount is too large;* it is passed involuntarily if he does not hasten, lasting twelve hours (after a quarter of an hour),[3].—**Increased secretion of urine* (in one prover from large doses); as the stools became liquid, the quantity of urine diminished,[27].—Frequent micturition, without increase of urine, during the first hour,[1].‡—Micturition more seldom than usual, and the secretion more scanty, but the urine not dark (after twenty-four hours),[3].—Urine more scanty than usual (after forty-eight hours),[9].—Scanty evacuation of watery urine (after half an hour),[8].—Micturition not more frequent, but urine more scanty than usual, for three days,[1].—During the first three days the amount of urine was not increased, but on the fourth day it was increased by 200 grams; this, however, is not to be ascribed with certainty to the Squills, because the prover had taken at least 400 grams more water than usual during the day; on the fifth day, when the usual amount of water was taken, the urine fell to the normal quantity,[29].—The average daily quantity of urine, was 1358

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† The prover was usually in the habit of urinating moderately only twice a day.—HAHNEMANN.

‡ The primary action of Squills upon the urinary organs is, at first, great desire to urinate, s. 122, with profuse emission of urine, 190, especially of urine clear as water, 182, 189, at least watery urine even if not profuse, 193. Several hours after the cessation of the first and positive action of Squills, there follows a secondary action (reaction) as the opposite of the primary action, namely, slight inclination to urinate, scanty discharge, and seldom micturition, 196, 187, 194. Sometimes of the usual color, 193, but frequently of a dark color, 199, 200, and also with great urging to urinate, though only a little, 185, or even no micturition at all, 181. Now, as all this was not known, not investigated, and not even the methods of research recognized, so there were very few cures of dropsical diseases by Squills, through the several thousand years in which it was employed (for an unknown period previous to the times of the Greeks, Squills was considered by the Egyptians the only remedy for this disease); most of the patients of this sort were all the more quickly and surely hurried into the grave by means of this drug. It was always the cause of great rejoicing, at first, that so much urine was expelled, and a consequent cure was eagerly looked for; but it was not known that this was a primary action of Squills, and that in this case only the opposite of the previous diseased condition, and consequently only a palliative, and it was seen with astonishment, that in spite of increasing the doses there was nothing more than this reaction, namely, darker and constantly more scanty and even more and more seldom micturition. Only a few of the diseases attended with swelling (these are very numerous, and the swelling is only a single symptom, hence the name dropsy, which is applied to all of them, as if they were only a single disease, always the same, an unpardonable falsity in pathology), only a few of these dropsical diseases whose symptoms have a general similarity to the positive symptoms of Squills, but whose urinary symptoms especially coincide closely with the primary symptoms of Squills (these are seldom), can be really and permanently cured by Squills. Much more frequently will forms of diuresis (diabetes) occur in which this drug, increasing the secretion of urine as its primary action, and also corresponding homœopathically to the other symptoms of the disease, will be found a specific and curative remedy.—HAHNEMANN.

cubic centimeters; specific gravity 1023, and the total solids, 69.35 grams; of this amount 27.22 were inorganic, and 42.13 organic matter (for three days before experiment). Urine passed, 1572 cubic centimeters; specific gravity, 1020; total solid matter, 60.67 grams; 31.07 of this amount being inorganic, and 29.60 organic constituents; the urine was of feeble acid action (first day); quantity 1493.5 cubic centimeters, specific gravity 1020, total solids 58.22 grams, inorganic matter 30.15, organic 28.07 grams; reaction same as yesterday (second day); quantity 1535 cubic centimeters, specific gravity 1019, total amount of solids 61.58 grams, inorganic matter 30.58, organic 31.00 grams; reaction, color, etc., were unchanged (third day),[28].—Reddish urine, normal in amount, with reddish sediment for three days, with very little desire to urinate (after twenty hours),[2].—[**200.**] Urine brownish-yellow, transparent, scanty, and after standing, forming clouds (first eight hours),[7].†—Urine bloody,[11 19 25].—(Urine hot, and stool with undigested portions and very offensive),[1].—The experiments show that Squills in small medicinal doses has no diuretic action, increasing neither the amount of water nor of the solid constituents of the urine,[29a].

Sexual Organs.—Dull stitches in the glans penis, causing anxiety,[1]. —Compressive pain in the testicles,[1].—Hæmorrhage from the uterus,[21].‡

Respiratory Organs.—Internal tickling in the region of the thyroid cartilage, that provokes coughing, by which, however, the tickling is aggravated,[1].—**Frequent irritation to a short dry cough, in four or five shocks, caused by tickling beneath the thyroid cartilage*,[1].—(Rattling precedes the cough and disappears after the cough),[1].—***Cough and Expectoration.*** [**210.**] Cough, even to retching,[1].—Violent dry cough, that causes shattering pain in the abdomen and dryness in the throat,[1].—***A violent sudden cough, in the morning, with stitches in the side on every cough, with expectoration** (after six days); the day previous, there was scarcely a trace of the cough,[9].—***Cough, in the morning, with profuse slimy expectoration** (after seven days),[9].—Cough, with diminished expectoration (after nine days); on every paroxysm of cough, painful pressure from within outward, in the thorax, and painful contraction of the abdominal muscles,[9].—***Cough, at first accompanied by expectoration**,[1].§—***Constant expectoration of mucus** (after two hours),[1].—***Respiration.*** Heavy slow inspiration and expiration,[2].—**Difficult or embarrassed respiration*,[25].—**Frequently obliged to take a deep breath, which provokes cough*,[1].—[**220.**] ***Dyspnœa and stitches in the chest, which are most distressing on inspiration**,[6].—Dyspnœa, with frequent rapid respiration and anxiety, as long as the dyspnœa lasts,[2].

Chest.—Peripneumonia,[23].‖—**Oppression across the chest as if it were*

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† It seemed to be a kind of curative action, since the prover previously had too profuse a secretion and too frequent evacuation of urine.—HAHNEMANN.

‡ Not found.—HUGHES.

§ The result of all my observations is that Squills excites mucous secretion in the trachea and bronchi; the mucus is thin and easily expectorated by coughing, but only as its primary action, see ss. 215, 216, 209, 213, 212 Hence it happens that the administration of so-called expectorants is only palliative, that is, the continued use of them must inevitably increase the trouble if the filling up of the chest by tenacious firm mucus is the chronic trouble, for after the first effect, loosening the chest, a reaction follows and makes the mucus constantly more tenacious and the cough drier. See ss. 207, 208, 211, 214. Rather would this drug prove curative in excessive secretions of mucus in the chest, as recommended by Weickard.—HAHNEMANN.

‖ Original revised by Hughes. If the observations of physicians for several cen-

too tight,[5].—**Drawing pain in the chest* (after eight to twelve hours),[1].—**Sharp stitches in the scapular end of the clavicle during inspiration and expiration*,[1].—***Front and Sides.*** **Severe stitches near the sternum, extending downward, so that he could with great difficulty get his breath*,[4].—Stitches in the middle of the ensiform cartilage, almost like a constant stitch,[3].—Pressure (tension?) in both sides, extending from the axilla to the lower portion of the abdomen, worse on expanding the thorax, during inspiration (after two hours),[9].—(Pressive and, on stooping, throbbing pain in the right side of the chest below the arm; when touched it was painful, as if the flesh were loosened),[1].—[**230.**] ***Recurrent stitch in the side**,[4].—**Compressive pain in the right side of the chest, ending in a stitch*,[1].—**Broad pressive stitches beneath the last ribs of both sides, lasting two days*,[1].—***On inspiration, jerking stitches in the right and left sides of the chest, not far from the sternum** (after twenty-four hours),[1].—***Stitches in the left and right true ribs, at the same time**,[3].—(A kind of pleurisy),[21].†—**Drawing stitch from the last true rib to the shoulder* (after forty-six hours),[1].—***Broad blunt stitches in the last ribs of the left side**, *in the morning in bed, that woke him*,[1].—**A contracting stitch in the left side, just beneath the last ribs*, caused by rapid walking,[7].—***Stitches in the left side** (after a quarter of an hour),[4].

Heart and Pulse.—[**240.**] Palpitation of the heart,[25].—Pulse very small, hard, like a tense cord,[6].—Pulse small and contracted (after twenty-four hours),[26].—Pulse falls to 40, while vomiting,[14].—Pulse variable, accelerated in one, retarded in another, normal in a third,[27].

Neck and Back.—Stiffness in the nape of the neck (after twelve hours),[1].—Stiffness of the left cervical muscles,[4].—Drawing and pinching in the cervical muscles, even when not moved,[4].—Rheumatic pain in the cervical muscles on the sides of the neck,[1].—**Painful jerking above the left scapula* (after eight days),[9].—[**250.**] **Painless drawing on the left scapula*,[2].—Bubbling sensation beneath the scapulæ, in the back and left upper arm,[1].

Extremities.—Trembling and weakness of the extremities,[27].—Violent pains in the limbs,[22].‡—Frequent falling asleep of the hands when resting the head upon them, and in the lower limbs when crossing the legs, during the day,[2].

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turies are examined, it is found from time to time, that the best of them, relying upon the empirical basis of experience, have used Squills with brilliant results for inflammation of the thoracic organs, with stitches in the side, although the great acridity of the drug on the tongue and internally, in large doses, was perfectly well known to them. It could not happen otherwise than that they should be very successful with it (as indeed they were), in view of the many homœopathic primary actions of the drug upon the chests of healthy people; compare ss. 212, 220, 222, 225, 226, 227, 230, 231, 232, 233, 234, 235, 237, 238, 239. They were far more successful than the regular school now in fashion, which, from theoretical grounds, employs a so-called antiphlogistic and unmerciful bloodletting, and are exceedingly unsuccessful. They would have been more successful in curing pleurisy, if the cases had been compared with the symptoms of Squills, now so well known, and if it had been exhibited homœopathically, all extraneous influences had been removed from the patient, and the drug had not been mixed with any other, and had been given not only singly but in a sufficiently small dose. I have found in most cases scarcely a quintillionth, often only a sextillionth part of a grain, and even less (only a very small portion of a drop of the solution), most serviceable.—HAHNEMANN.

† From Squills mixed with Vincetoxicum; the patient had first muscular rheumatism of left arm and neck, and then on the same side a "pleuritis spuria exquisitissima." She died soon after.—HUGHES.

‡ In a sensitive nervous woman.—HUGHES.

Superior Extremities.—*Stretching of the upper limbs, with yawning, without sleepiness* (after one hour and a half),[3].—Convulsive twitching of the left arm (while standing),[1].—***Arm.*** Painless jerking and pulsation in the muscles of the upper arm,[4].—***Wrist and Hand.*** Jerking pain transversely through the wrists,[8].—A stitchlike drawing from the left wrist to the fingers,[3].—[**260.**] At times pain like a needle-stitch in the middle of the left metacarpus,[3].—Acute stitches in the joints of both hands, even when not moving them (after three days),[9].

Inferior Extremities.—Weakness, especially of the thighs and region of the hips, in the morning after waking and rising,[2].—Bubbling, extending in a streak down from the upper part of the thigh to the toes,[1]. —***Thigh.*** Convulsive jerking of the thigh and leg, while sitting (after twenty-four hours),[1].—Soreness between the limbs,[1].—Weariness in the thighs,[1].—Uneasiness in the thighs and legs; is obliged to move them without intermission, in order to obtain relief (after two hours and a half),[3].—Drawing pain in the muscles of both thighs (after seven hours),[2].—Intermittent drawing pain in the thighs, while sitting and walking,[2].—[**270.**] Bruised sensation in the thighs,[1].—Stitches, as with needles, on both thighs,[4]. —***Knee.*** Constrictive pain in the hollow of the left knee, that obliged him to bend up the knee, while standing,[1].—***Leg.*** Drawing pain in the leg,[1].—***Foot.*** Burning pain in the ball of the right foot, as after freezing it,[1].

Generalities. — Convulsions,[15 19].† — Spasmodic movements,[22].‡ — ***Weakness of the whole body very noticeable** *on walking a long distance*,[9]. —Nervous weakness causes frequent twitching.[13].—Weakness and sleepiness after dinner,[3].—[**280.**] ***Weariness** (after six hours),[1].—Is more exhausted by a sleepless night than by diarrhœa; his head is confused, and yet he is cheerful and good-humored,[6].—General discomfort,[27].—Constant, dull rheumatic pain over the whole body, relieved during rest, aggravated during motion (after six to twenty-four hours),[1].—Sensation of heaviness of the whole body, as from weakness (after eight to twelve hours),[1].—Pains over the whole body,[19].—Sticking now in one, now in another part of the body,[9].

Skin.—Objective. Cold gangrene,[23].§—Excites scirrhus,[10].‖—Ulcerations, accompanied by fever and inflammation, may be expected from Squills,[13].¶—[**290.**] In one case, which terminated fatally, an eruption, not unlike that of purpura hæmorrhagica appeared, attended with a considerable degree of collapse; such instances, however, are rare,[25].—Small red spots on the hands, feet, chest, and over the whole body, which became itch-like pustules on the hands, between the fingers, on the feet, and over the whole abdomen, with burning itching after some days,[17].††—Eruption above the middle of the upper lip, moist, and biting like an ulcer, with sticking itching,[1].—Eruption of very red pimples tipped with pus on the back, with a sticking itching, and after scratching, a burning-sticking itching; the next day each one was covered with a small crust,[3].—Pimples on the neck that increase daily until the seventh day, and are only painful on rubbing (after four days),[9].—The skin of the neck is painfully sensitive to the

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† Tissot says, "in nervous subjects."—HUGHES.

‡ "Omit Zwelfer."—HUGHES.

§ Not found, unless it represents the "viscerum lethales inflammationes," as already seen in s. 143.—HUGHES.

‖ By scirrhi, any hard swellings are meant.—HUGHES.

¶ Revised by Hughes. †† Revised by Hughes.

slightest rubbing of the neck-band, with red, almost denuded spots (after twenty-four hours),[9].—A spot as large as a half dollar between the scapulæ, consisting of thick, not confluent pimples, with tickling (crawling) itching, as from a flea, which, after scratching, changed to a burning-sticking itching, but some time after became a crawling itching,[3].—(Handling the fresh Squills caused blisters upon the hands),[20].—***Subjective.*** Burning and itching in the skin,[23].†—Painful sensitiveness of the skin across the back from one hip to the other (after six days),[9].—[**300.**] Slow needlelike stitches in the skin, extending from the shoulder to the middle of the upper arm,[3]. —Biting itching on the forehead and chin, as if an eruption would break out, disappearing while scratching, and returning immediately after,[2].—Sticking itching on the neck and jaws, as from a flea, that is only momentarily relieved by scratching, and immediately afterwards returns,[3].—Crawling itching on the chest below the right arm, relieved for only a short time by scratching,[3].

Sleep.—Sleepiness. Frequent yawning, without sleepiness (after two hours),[3].—Sleepy some hours, too early in the evening,[3].—***Sleeplessness.*** Sleeplessness, without apparent reason,[1].—*Restless sleep*,[4].—Tossing about in bed,[4].—Frequent waking from sleep and tossing about,[2].—[**310.**] Woke at 1 A.M., with qualmishness and anxiety, and with difficult respiration for some time,[6].—***Dreams.*** Sleep, with voluptuous dreams,[7].—Dream that his body was excessively swollen, which, on waking, was so vivid that he felt himself to see if it were really so,[2].

Fever.—Chilliness. Chilliness over the whole body,[27].—Chilliness, shortly followed by heat, over the whole body,[8].—Internal chilliness, at night, with external heat, without thirst (after six days),[9].—He feels cool and chilly in the back and arms, even while walking in a warm room, not while sitting,[6].—Shivering over the whole body, with some coldness of the skin (after six hours),[9].—Feet and hands almost cold (after twenty-four hours),[26].—**Icy-cold hands and feet, with warmth of the rest of the body* (after a quarter of an hour),[3].—[**320.**] **Hands icy cold in a warm room* (after one hour and a half),[3].—**Icy-cold feet*,[3].—***Heat.*** Intolerable sensation of heat, without externally perceptible heat when coughing, talking, or making the slightest exertion (after twenty hours),[1].—(Dry internal and external heat, without thirst for three hours (after half an hour), followed by only internal dry heat, without thirst),[1].—Heat of the body every afternoon, without thirst, with cold feet,[1].—Sensation of heat over the whole body, without thirst or sweat (after two hours),[6].—Sensation of great heat over the whole body, but without external redness, and without thirst (for several hours in the afternoon), (after six days),[9].—External heat, with internal chilliness, in the evening immediately after lying down (after seven days),[9]—Heat over the whole body, as from hot drinks, with icy-cold feet, without shivering, and without thirst or sweat,[6].—Heat in the head, with cold feet,[1].—[**330.**] Heat and redness, especially in the face, on the slightest exertion, and on talking (after ten hours),[1].—Heat in the face rather internal than external, without thirst, aggravated by motion of the body, with chilliness in the rest of the body on the slightest uncovering,[1].—***Sweat.*** Sweat in the axillæ,[1].—Sweat on the toes,[1].

Conditions.—**Aggravation.**—(*Morning*), Confusion; vertigo; after waking, heaviness in the whole head; after rising, headache; sensitiveness on top of head and stupefaction within head; coryza; 2 to 7 A.M., diarrhœa;

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‡ From handling Squills.—HUGHES.

in bed, stitch in left side; weariness of thighs and hips.—(*Afternoon*), Heat of body.—(*Evening*), Thirst; heat.—(*Night*), Chilliness.—(*Cold or warm things in mouth*), Stitches in canine teeth.—(*Coughing*), Pain in sides of abdomen; tickling in thyroid cartilage; pressure in thorax and abdomen. —(*Crossing legs*), Falling asleep of lower extremities.—(*Slight exertion*), Sensation of heat.—(*Inspiration*), Pressure in sides; stitches in sides.—(*Motion*), Heat of face.—(*Pressing at stool*), Sticking in urethra.—(*Rest*), Pain in whole body.—(*Resting head on hands*), Falling asleep of hands.—(*Respiration*), Stitches in scapular end of clavicle.—(*Shaking head*), Swashing in it.—(*Smoking*), Tastelessness.—(*Standing*), Rumbling in abdomen; twitching of left arm; pain in left knee.—(*Stooping*), Throbbing pains in right side of chest.—(*Walking*), Pain in sides of abdomen; drawing pain in abdomen; rumbling in abdomen; stitches in anus; rapid stitch in left side.

Amelioration.—(*Eating*), Rumbling in abdomen.—(*Motion*), Pain in whole body.—(*Scratching*), Sticking itching on neck and jaws.

STACHYS BETONICA.

Stachys betonica, Benth.

Natural order, Labiatæ.

Common names, Wood betony; (G.), Ziest.

Preparation, Tincture of whole plant.

Authorities. **1**, E. W. Berridge, M.D., Month. Hom. Rev., vol. xiii, p. 288, Dr. Croker, aged forty-five years, took ½ ounce tincture two or three times a day for about three weeks; **2**, same, Dr. Berridge, aged twenty-two, took ½ ounce tincture in water at 8 A.M., same at 4.20 P.M. (first day), same at 8.30 A.M. (second day); **3**, Mr. ——, aged twenty-two years, took a teaspoonful of the tincture in water at 7.50 A.M. (first day), two teaspoonfuls in water at 7.10 A.M. (second day); **4**, Mrs. ——, aged thirty years, took a teaspoonful of the tincture in water at 7 A.M. (first day), twice the amount (second day); **5**, same prover took 30 drops in water at 6 P.M. (first and second days), same at 4 P.M. (third day), same in evening (fourth and fifth days.)

Head.—Slight dizziness in the forehead, lasting an hour, and going off on walking in the open air (after fifteen minutes),[3].—Gradually increasing dizziness in the forehead, becoming excessive within two hours. On bending the head down, or moving it quickly, or trying to read, or *on closing the eyes*, the dizziness increased, amounting to pain. Walking about and bringing a variety of objects before the eyes relieved the dizziness. On closing his eyes everything had an indistinctness in the brain; he could not think, felt as if he was falling asleep, and was yet conscious of it; felt as if he should lose his consciousness, so that he feared to keep them closed (after ten to fifteen minutes, second day),[4].—Within half an hour feeling of fulness and tension in the forehead over the eyes, like pressing from behind forwards; worse on bending the head down or reading; it came on gradually, and gradually decreased, lasting about one hour and a half (first day),[4].—Gradually increasing fulness over and in the eyes, as though they would burst, with pain in the eyeballs as if too tense from some pressure within; increased by looking at the (artificial) light, by reading, thinking, bending head down, or moving it quickly; feeling as though the skin about the lower part of the forehead was corrugated, and as if the two edges of

the outer angles of both orbicularis oculi muscles were drawn together (after ten to fifteen minutes, second day),[4].—Dull aching pain over both eyes, increasing for a short time, lasting about forty minutes (after one hour, first day),[5].—Gradually increasing fulness over the eyes, with dull aching pain across the frontal region, lasting one hour, and gradually subsiding (after one hour, second day),[5].—Bursting fulness over the eyes, with feeling as though the skin was being stretched, from above downwards, for one hour (after thirty minutes, third day),[5].—Gradually increasing, dull, heavy aching in the frontal region; worse by looking down or bending down; relieved by walking about in the room; lasting about an hour and a half and then gradually subsiding (after thirty minutes, fourth and fifth days),[5].

Eye.—[10.] Eyes had a heavy sleepy feeling, for one hour (after thirty minutes, third day),[5].

Ear.—Slight aching pain in the left internal ear at intervals during the day (second day),[3].—Slight earache before breakfast (third day),[3].

Nose.—On rising from bed, sneezing, with slight running from nose, for a few minutes; increased nasal mucus without actual running (second day),[5].—Frequent sneezing on going from indoors into the open air (third day),[5].—Disposition to running from the nose, without actual running. This he has had every day since he took the medicine, not influenced by being indoors or in the open air. Usually, when he catches cold, it is worse in a warm room,[5].—(Two or three days after the first proving he had severe catarrh, which he now attributes to the drug. It had all disappeared before the second proving),[5].

Stomach.—Frequent eructations tasting of the drug,[1].—An eructation tasting of the drug (after breakfast), (after thirty-seven minutes),[2].—Immediate warmth in the stomach like that produced by alcohol, for about thirty minutes,[4].—[20.] Immediate warmth in stomach for ten to fifteen minutes (first and second days); increasing to a sharp cutting pain at the pit of the stomach (third day); lasting fifteen to twenty minutes (fourth day); warm in stomach (fifth day),[5].—Weight at the stomach, with feeling of sickness there, and desire to vomit (after one hour and a half, second day),[4].

Stool.—Bowels have not acted for three days (fourth and fifth days),[5].

Urinary Organs.—During the night, woke with desire to urinate, which is unusual (second day),[3].—Urine scantier, and of a higher color (first and second days),[5].—Urine scanty, high-colored (third and fourth days),[5].—Urine of a deep color (after two hours, second day),[4].—Passed some urine of a strong, somewhat ammoniacal, odor (after four and a half, and seven and three-quarters hours),[2].

Respiratory Organs.—Towards the end of the proving, and lasting for several weeks after, he had oppression of breathing, as from paralysis of diaphragm, with a kind of constriction just below the ensiform cartilage. When walking up hill, he was obliged to keep his mouth open, and occasionally to take a deep breath, as if to satisfy the lungs,[1].

Superior Extremities.—Aching in both elbow-joints when resting the bent arms forward on a rail at lecture, with feeling as though he wished to throw down the arms (after seventy minutes),[3].

Inferior Extremities.—[30.] Feeling of tiredness in thighs, when walking, which soon passed off (after fifty minutes, second day),[2].

Generalities.—In the evening (indoors) felt tired, especially in the legs, as if from much exercise (first day),[2].—Felt tired during the morning,

especially in the legs, as if from a long walk; better in the afternoon,[2].—All day felt as if he would catch cold if exposed to the air (second day),[5].—Great sensitiveness to taking cold (third day),[5].

Fever.—The first effects were free general diaphoresis during the day, especially on exertion, but accompanied with great sense of invigoration and capability for bodily exertion. These effects continued all through the proving after each dose,[1].—Spontaneous free perspirations, at night when asleep, so that his night dress was saturated; almost entirely limited to head, neck, and chest. When he woke he found himself thus. This continued for three or four weeks after the proving was ended,[1].

Conditions.—**Aggravation.**—(*Night*), Perspiration.—(*Bending head down, reading, etc.*), Fulness over eyes.

Amelioration.—(*Open air*), Fulness over eyes.

STANNUM.

The element, Tin.

Preparation, Trituration of the pure metal.

Authorities. (Nos. 1 to 12 from Hahnemann, Chr. Kn.) **1**, Hahnemann; **2**, Franz; **3**, Gross; **4**, Guttmann; **5**, Hartmann; **6**, Haynel; **7**, Herrmann; **8**, Langhammer; **9**, Wislicenus; **10**, Alston, Mat. Med., 1, 152 (statement of a case reported to him, Hughes); **11**, Gusschlæger, in Hufel. Journ. (effect of swallowing granulated Tin, Hughes); **12**, Meyer, Abr. Diss. Cantel. de Anthelmint, Gött., 1782 (observation, Hughes); **13**, Stahl, Mat. Med., cap. vi (not accessible, Hughes); **14**, Dr. Pitet, Jour. de la Soc. Gall., vol. iv, proving of Bichloride of tin (fuming), 3d dil. in watery solution, repeated doses, and in progressive order, during ten days in January and February; **15**, a young woman took a few doses of fuming Bichloride of tin for pruritus of vulva; **16**, another woman took a few doses of the same; **17**, effects on a third woman immediately after a dose; **18**, G. W. Hazeltine, Bost. Med. and Surg. Journ., vol. xxxi, 1844, p. 38, T. A. E., æt. fourteen years, swallowed a draught of Bichloride of tin; **19**, Meinel, Deutsche Klin., 1851 (S. J. 74, 167), effects of Muriate of tin and salt; **20**, E. P. Angell, M.D., Ohio Med. and Surg. Rep., vol. ii, 1868, p. 152, a family ate a cold chicken-pie baked the previous day in a new tin pan; **21**, Dr. Angell ate a similar dish, very heartily, as a test; all the other members of the family had similar attacks, varying in degree with the quantity eaten; **22**, a family ate a custard cooked in a new tin pan the day previous.

Mind.—Excited and inclined to storms of anger (fourth day),[3].—Violent, very transient anger,[3].—Remarkably joyful,[4].—Talkative; sociable,[8].—Quiet good-humor (after fourteen hours),[8].—Quiet, absorbed in himself, with great discomfort of the body,[4].—Quiet, absorbed in himself, solicitous for the future,[8].—Sad, hypochondriac mood,[1].—Discontented,[1].—[**10.**] Great anxiety and depression a week before the menses, ceasing on the appearance of the flow,[1].—Indescribable anxiety and despondency for several days,[1].—Discouraged,[1].—Contented with nothing without being fretful,[1].—Fretfulness disappearing, in the open air, the whole day,[2].—*Quiet fretfulness; he answers unwillingly and abruptly;* easily vexed, and easily gets into a temper,[7].—Peevishness and transient sensitiveness (first three days),[3].—Vexatious; nothing goes to suit him,[8].—Aversion and dread of people,[1].—Restless and distracted; no persistence in work, immediately,[1].

—[**20.**] Fruitlessly busy, as if a rush of ideas prevented him from completing his work at a certain time; all sorts of things occur to him to be done,[3].—Indolent and irritable, with heat in the face; would do everything, but really does nothing,[1].—Is inclined to do no work, and inability to think,[7].—Dulness of mind, indifference to external objects, indisposition, with paleness and darkness about the eyes,[4].—Disinclination to talk,[1].—Want of memory, in the morning on waking,[1].

Head.—Confusion and Vertigo. Confusion and dulness of the head, as before coryza, which, however, did not occur, with sneezing,[1].—Vertigo, as if the brain were whirling around; all thought vanished, and he could not continue to read, and sat as if without his senses,[7].—Sudden attacks of vertigo, while sitting down,[9].—Vertigo, as if all objects were at too great a distance,[9].—[**30.**] Stupefying vertigo, only when walking in the open air; he reels as if he would fall,[8].—*Dizziness in the whole head*,[7].—Dizziness, while sitting, as if he would fall,[4].—Dizziness, in the morning on waking from a long sleep, as if he had not slept enough,[4].—***General Head.*** Heaviness and dulness of the head, worse in the evening,[1].—*Heaviness of the head during rest and motion, in the evening, lasting two hours* (after nine hours),[1].—Heaviness and tearings throughout the head (twenty-fifth day),[14].—Almost constant heaviness throughout the head, sometimes only at the top (thirtieth day),[14].—Painful heaviness throughout the whole head, sometimes in the forehead only, or in the temples (tenth day),[14].—Now and then, violent heaviness in the head, sometimes general, sometimes partial; sometimes at one point, sometimes at another (twelfth day),[14].—[**40.**] General heaviness throughout the head, especially in the occiput (twentieth day),[14].—Feeling of weakness in the head, and sleepiness,[1].—Pain and heat in the head, in the morning on waking,[1].—Headache mostly every morning, with loss of appetite; nausea and fretfulness,[1].—The action of raising or of bowing the head causes pain in the muscles which are involved in these movements (twentieth day),[14].—Painful sensation on shaking the head, as if the brain were loose and beat against the skull,[3].—Boring, pressive, stupefying pain in the left half of the brain, on the surface,[5].—Dizzy pressure through the whole head,[7].—**Constriction and sudden pressure in the whole upper part of the head*, **slowly increasing and decreasing,**[3].—Painful pressing in the brain towards the vertex and occipital bones, in the evening, also after lying down,[6].—[**50.**] Frequent sensation, as if screwed inward in the head, with slow jerks or drawing pressure here and there at times,[3].—Pain, as if the brain were forced asunder, and were tense,[1].—Cramplike pain, as if the head were externally constricted by a band,[1].—**Sharp jerking pains in the right anterior lobe of the brain, above the orbit* (twenty-fourth day),[14].—Pressive tearings from each side of the brain to the top of the skull (twenty-fifth day),[14].—Sharp and deepseated stitches in the lower part of the left anterior lobe of the brain (above the arch of the orbit), (tenth day),[14].—Tingling in the head; noise resounds in it,[1].—***Forehead.*** **Headache in the frontal region*,[20].—**Pain, as from a crashing, in the forehead*,[1].—Pressure in the forehead,[1].—[**60.**] Pressure in the forehead; aggravated by bending backward, relieved by pressure,[3].—Pressive stupefying pain in the brain, just above the eyebrows, during rest and motion,[8].—Pressing outward at the frontal eminence,[3].—Pressure outward at the forehead, with sleepiness, relieved by pressure,[3].—**Dull pressure from within outward, in the forehead*,[7].—Pressure in the middle of the forehead, extending deep into the brain,[4].—Pressure in the

forehead, temples, and vertex, relieved by external pressure,[3].—A sudden pressive jerk in the left forehead and temple, so that he cried aloud,[3].—Violent jerks in the forehead, alternating with dull pressure,[5].—Drawing through the forehead and vertex, with a pressive sensation,[3].—[**70.**] Burning pain, like fire, in one-half of the forehead, as also in the nose and eyes, with external heat in the parts all alike, during rest and motion; was obliged to lie down, with nausea and retching as to vomiting, from morning till evening,[1].—**Pressive tearing in the forehead,*[7].—**Pressive tearing in the right half of the forehead at intervals, aggravated by stooping,*[5].—Tearing pain, but transient, in the forehead, the top of the head, and the occiput; afterwards shifting now to one point, then to another, and sometimes affecting the whole head; generally more violent in the forehead (twenty-fourth day),[14].—Frequently during the day, cutting, penetrating pains in the left anterior portion of the brain; they last some moments, and cease, to be renewed subsequently (fortieth day),[14].—Shootings from the anterior portion of the brain to the right side (twenty-third day),[14].—Dull shootings in the left anterior side of the head (thirty-fifth day),[14].—Stitchlike headache, especially in the left side of the forehead, with fluent coryza,[8].—Sticking headache in the forehead, even during rest, for several days; on stooping, everything presses outward at the forehead,[1].—A long, dull stitch in the left frontal eminence,[3].—[**80.**] Fine stitches in the middle of the forehead,[2].—***Temple.*** Boring pain in the left temple all day,[1].—Boring pressive pain in the right temple, relieved by external pressure,[5].—Compression in the temples and occiput,[1].—***Pressure in the left temple beginning slight, then increasing and so again diminishing, as if the forehead would be pressed inward,***[3].—Pressive pain outward in the right temple, almost as if external,[4].—**Pain, like a pressing inward in the temples all day,*[1].—Pressure in the right temple when lying upon it, disappearing on rising up,[4].—Pressive drawing in one temple and half of the forehead, causing confusion,[3].—Often-recurring, sharp, but transient pains in the right temple (twenty-second day),[14].—[**90.**] Sharp pains in the left temple; less severe in the right temple (seventh day),[14].—Pulsating stitches in the temples, with heat in the head, chilliness of the body and weakness of the head, so that he almost loses his reason, with slumbering and insensibility,[1].—*Throbbing headache* in the temples,[1].—***Vertex and Parietals.*** Painful sensation of heaviness in the top of the head, almost at the forehead (seventh day),[14].—Sometimes painful heaviness in the top of the head; now and then shootings in the right parietal region (seventeenth day),[14].—Sudden sharp pressure on the vertex, with a sensation as if the hair moved,[3].—Pressive tearing in the left side of the vertex,[7].—Sudden dull stitches in the top of the head,[3].—Burning stitches on the vertex,[2].—Pressive heaviness, with a feeling of emptiness in the left half of the brain,[5].—[**100.**] Pressive pain outward, in the right side of the head,[4].—Drawing pressure from the right parietal bone to the orbit,[3].—Pressive tearing through the right side of the head,[9].—Tearing pressure in the right half of the head,[7].—Tearing in the left parietal bone, and in the forehead,[7].—From time to time, violent dartings in the left side of the head, or in its posterior portion (twelfth day),[14].—***Occiput.*** Painful heaviness in the occiput (twenty-first day),[14].—Painful and almost constant sense of weight on the occiput,[14].—Headache in the occiput,[19].—Boring in the occipital bones, with acute heaviness,[5].—[**110.**] Compression in the occiput, under the skull,[2].—Pressure outward, in the left side of the occiput,[6].—Pressive tearing in the left occipital bone,[5].—

Pressive tearing in the left side of the occiput,[7].—Shooting in the left posterior portion of the head (twentieth day),[14].—Constrictive pain in the right side of the occiput,[4].—***External Head.*** Pain, as from suppuration on the head, externally,[1].—Burning tension on the forepart of the scalp, just above the right side of the forehead,[4].

Eye.—Objective. The eyes are prominent and painful, as after weeping,[1].—Nightly agglutination of the eyes, with weakness during the day,[1].—[**120.**] Dim, weak, sunken eyes (after two days),[7].—Eyes dim,[1].—***Subjective.*** Pain in the eyes, as from rubbing with a woollen cloth, removed by moving the lids,[1].—Pressure in the eyes,[1].—Pressure in the left eye, as from a stye on the lid,[2].—Jerking in the eyes,[1].—Twitching in left eye, lasting a week,[1].—Several sharp dartings in the globe of the right eye (twenty-first day),[14].—Burning sticking in the right eye, toward the outer canthus,[4].—Burning in the eyes,[1].—[**130.**] Biting in the eyes, as after rubbing with a woollen cloth,[3].—***Brow and Orbit.*** A pimple on the left eyebrow, with burning by itself and with pressive pain when touched,[1].—Sudden sensitive dull thrusts in the outer side of the upper margin of the left orbit,[3].—Jerklike drawing tearing externally above the left eyebrow,[8].—Drawing pressure in the upper margin of the left orbit,[3].—Sudden jerks on the upper margin of the right orbit and in other parts, with sensitive stupefaction of the head,[3].—In the upper part of the right orbit, shootings which penetrate from before backward into the substance of the brain (forty-second day),[14].—***Lids.*** Stye in the inner angle of the right eye,[15].—**Pustular swelling of the left inner canthus*, like a lachrymal fistula,[1].—Twitching in the right inner canthus,[6].—[**140.**] Pressure in both upper lids,[4].—Pressive pain in the right inner canthus,[7].—**Pressure in the left inner canthus, as from a stye, with lachrymation*,[7].—Constriction of the eyelids, with redness of the white of the eyes and a burning sensation,[1].—Sensation as of a hard substance behind the right eyelid,[4].—Burning pain in the left lower lid,[4].—Small violent burning stitches in the lids of the right eye, more towards the outer canthus,[5].—Fine sticking burning in the left canthus,[4].—Itching in the upper eyelids on each side, with slight swelling (thirty-third and thirty-fifth days),[14].—Itching in the inner canthus,[1].—***Lachrymal Apparatus.*** [**150.**] Acute itching in the right lachrymal caruncula (thirty-second and thirty-third days),[14].—***Ball.*** Shootings in the globe of the left eye, in the evening (thirty-sixth day),[14].—Tensive stitch in the left eyeball, most violent on moving it,[4].—Itching in the left eyeball, somewhat relieved by rubbing,[4].—***Pupil.*** Pupils first contracted, then dilated,[8].—***Vision.*** Sees a rainbow about the candlelight,[1].

Ear.—Ulceration in the hole for the earring in the lobule of the ear,[1].—Shooting in the cartilages of the right ear (twentieth day),[14].—A drawing stitch in the upper part of the left concha,[4].—Pressure externally on the bones behind the ear,[1].—[**160.**] Griping tearing through the cartilage of the lobule of the left ear, with at times a sensation as if a cold wind were blowing in it (after four hours),[9].—Earache; in the outer ear a drawing pain,[3].—Boring pain in the right ear, with cold feet,[1].—Frequent drawing in the left ear, like an earache,[3].—Drawing in the whole right ear externally and internally; painful on moving the lower jaw,[4].—Cramplike pain in the whole right ear, lasting eight hours,[4].—Tearing in the right meatus, like an earache,[7].—Itching in the left ear,[1].—Stopped sensation in the left ear, with deafness, which was relieved by blowing the nose, in the morning after rising, lasting four days,[6].—***Hearing.*** Screaming in the

ear when blowing the nose,[1].—[170.] Rushing in the ears as from a stream of blood,[2].—Ringing in the left ear,[8].—Creaking in front of and in the left ear, as from a door, in the evening,[7].—Rustling noise of a grasshopper in the left ear (eighteenth day),[14].—The jarring of his steps (on walking) resounds painfully in the head (twentieth day),[14].

Nose.—Frequent sneezing without coryza,[8].—Violent sneezing, in the evening (eighth day),[14].—Profuse coryza (after four days),[1].—Intense coryza, alternating with stoppage of the nose,[16].—Coryza of the left nostril (tenth day),[14].—[180.] Violent coryza all day (eleventh day),[14].—Diminished coryza (twelfth day),[14].—Blood is blown from the nose, in the morning (seventeenth and eighteenth days),[14].—Nosebleed, in the morning, immediately on rising from bed,[6].—Violent nosebleed, in the morning, immediately on waking,[1].—Stoppage of the nose, in the morning (ninth day),[14].—Violent stopped catarrh; can get air through only the right nostril, at noon; on the fourth day the nose becomes free,[3].—Can get no air through the left nostril, which is excessively swollen, red, and painful to touch,[1].—Heaviness and a stopped sensation in the upper part of the nostril,[7].—Respiration through the nostrils is impeded in consequence of a permanently congestive condition of the palato-nasal mucous membrane (twenty-third day),[14].

Face.—[190.] **Face pale and sunken, sickly; features elongated*,[7].—Constrictive pain in the bones of the face and teeth in the right side, as if they would be drawn up shorter,[3].—Pressive gnawing in the left side of the face, especially in the malar bone,[9].—Stupefying pain in the face, especially in the forehead,[5].—Cramplike pressure in the muscles on the left malar bone,[9].—Drawing pressure in the bones of the right side of the face, especially in the malar bone and orbits, paroxysmal,[3].—***Cheek.*** Painful swelling of the left cheek, with an ulcer on the gum; the pain causes sleeplessness,[1].—Burning cramplike pain in the left cheek, in the evening, soon followed by swelling of the cheek, with cutting-pressive pain only on drawing up the face, as if a splinter of glass were between the cheek and the teeth,[2].—Pain in the malar bone, on touch, before the menses; during the menses, pain, as from a blow, even on moving the muscles of the face,[1].—Tearing extending from the malar bone down into the lower jaw, near the corner of the mouth,[3].—[200.] Constriction and pressure internally beneath the right cheek,[2].—Burning pain in the right cheek, beneath the eye,[4].—Burning-itching sticking on the malar bones,[1].—Pain and swelling of the upper jaw; the cheeks are red, with sticking in them,[1].—***Lip.*** A sticking-tearing pain in a small spot in the lower lip,[1].—***Chin.*** Broad cutting stitches in the forepart of the chin,[9].

Mouth.—Teeth. Looseness of the teeth,[1].—The teeth seem too long,[1].—Jerking toothache in all the teeth soon after eating (cold or warm food), with heat in the face, only better in the open air,[1].—Continual and annoying tingling in the roots of the lower incisors (thirty-third day),[14].—***Tongue.*** [210.] **Tongue yellow*,[20].—**Tongue coated with yellowish mucus* (after five days),[4].—Burning in the tongue, in the morning (twentieth day),[14].—Pretty frequent itching in the tip of the tongue (nineteenth day),[14].—During the proving, frequent itching of the anterior third of the tongue,[14].—***General Mouth.*** Mouth and fauces wonderfully corrugated; he could scarcely swallow, and his mouth felt hard and leathery,[18].—Tenacious mucus in the mouth,[1].—**Bad odor from the mouth*,[1].—Sensation in the velum pendulum palati similar to that caused by taking a pinch of snuff, which, by a strong inspiration, is drawn down even to the throat, in the

evening (eighth day),[14].—Sensation in the velum pendulum as if there were a foreign body there, or some mucus which could neither be hawked up nor swallowed; the same sensation in the posterior portion of the nasal fossa (ninth day),[14].—[**220.**] Sensation of disagreeable acidity at the velum pendulum (tenth day),[14].—***Saliva.*** Salivation, with bad odor from the mouth,[20].—Acid saliva runs from the mouth, in the morning on waking,[1].—Accumulation of saliva in the mouth,[2].—***Taste.*** Beer tastes stale and acid bitter,[1].—Insipid taste in the throat,[4].—Bitter taste to all food (solid and liquid), but not to water, but no bitter taste when not eating,[1].—Bitter, sour taste in the mouth,[1].—Herby taste to beer,[4].—Bitter and sour taste in the mouth (first and third days),[1].—***Speech.*** [**230.**] Talking was difficult, because the strength to talk was wanting,[3].—Talking was irksome,[1].

Throat.—Bad odor from the throat,[1].—Much mucus in the throat,[1].—**Some mucus sticks in the throat, and the efforts which are made to raise it excite vomiturition* (seventeenth day),[14].—**Thick gray-green mucus, mixed with blood, is detached from time to time in the throat by the efforts to expectorate* (twentieth day),[14].—**Thick, viscid, grayish, blood-streaked mucus adheres to the throat, and is detached with great difficulty* (twentieth day),[14].—**Thick mucus adheres firmly to the throat, and the efforts to raise it excites an almost resistless inclination to vomit* (twenty-second day),[14].—**During the rest of the day, continual expulsive efforts to detach a thick, grayish, and bloody mucus from the throat, efforts which constantly produce an inclination to vomit* (twenty-third day),[14].—**Secretion of a mass of thick, viscid, bloody mucus in the throat, efforts to expel which were accompanied by attempts to vomit,*[17].—[**240.**] *Inclination to hawk up much mucus from the throat, in the evening, followed by a sore pain in the throat,[1].—**Rawness in the throat* (seventeenth day); *in the morning* (eighteenth day),[14].—Sensation of rawness and of dryness in the throat, without thirst (eighteenth day),[14].—Rawness and dryness of the throat, without thirst, in the morning (twentieth day),[14].—Sensation of ulceration, of rawness, and of extreme dryness in the right side of the throat, without thirst (twentieth day),[14].—Sensation as if the right side of the throat were ulcerated, with such dryness that it seems as if the part had ceased to be lubricated by mucus (twentieth day),[14].—**Permanent rawness and dryness in the throat, and during deglutition a painful feeling of being denuded* (twenty-second day),[14].—**Extreme rawness and dryness of the throat, without thirst; these sensations are much more painful during deglutition; thick grayish or greenish mucus adheres to the throat; strong efforts are required to raise it, and these excite inclination to vomit* (twenty-third day),[14].—Scraping roughness below the pit of the throat internally,[3].—Scraping in the throat, in the evening,[1].—[**250.**] Sensation of dryness and sticking in the throat, in the right tonsil, which provokes cough, and is somewhat relieved by hawking and swallowing,[2].—Dryness of the throat,[16].—Sore throat, like a swelling, with a sensation of dryness and drawing-tensive pain,[1].—Pain in the throat, as if swollen, with sore pain, not affected by swallowing; after hawking of mucus, the voice is much higher than usual,[1].—Tickling crawling in the throat (larynx?), with a sensation of dryness, compelling to cough,[1].—Scraping in the throat, in the morning,[1].—Dull boring stitches extending from the fauces internally to the cervical muscles,[4].—***Fauces and Pharynx.*** Tobacco has a sharp and dry taste in the fauces,[1].—Stitches in the upper part of the fauces, causing dryness, when not swallowing,[2].—Cutting in the pharynx, as with knives, on swallowing,[2].—***External Throat.*** [**260.**] Painful swelling of the submaxillary glands (after eight hours),[1].

Stomach.—Appetite and Thirst. **Increased hunger and appetite*,[7].—**Great appetite and hunger; he cannot satisfy himself*,[3].—Loss of appetite,[20].—Loss of appetite, with a natural taste of food,[4].—The child leaves the breast of the mother who has taken Tin, and will not drink anything more,[1].—Loss of appetite, with emptiness in the stomach, only one noon,[3]. —Increased thirst,[7].—***Eructations.*** Eructations immediately, in the morning, at first like bad eggs, afterwards only of gas,[3].—Eructations of a flat taste, with much saliva in the mouth,[2].—[**270.**] Acid eructations, succeeded by rawness in the pharynx, while walking in the open air,[4].—Acid risings five hours after the evening meal; uneasiness in the epigastric region, as from slow digestion, although he had eaten less than usual (twenty-fourth day),[14].—**Bitter eructations* frequently after eating,[1].—Frequent empty eructations,[8].—Sweet uprisings into the throat,[1].—***Hiccough.*** Frequent hiccough,[8].—Hiccough from time to time,[1].—Hiccough soon after eating, while smoking as usual,[2].—***Nausea and Vomiting.*** Nausea after eating,[1].—Nausea and qualmishness in the pharynx,[7].—[**280.**] Shuddering nausea several times, with nauseating fulness in the pit of the stomach,[1].—Nausea and bitterness in the mouth,[2].—Nausea in the fauces and pharynx, as if he would vomit,[7].—Nausea, with bitter bilious vomiting, after eating some soup,[1].—Retching, in the evening, followed at first by sour, then bitter, taste in the mouth (first day),[1].—Retching, with great nausea, and sensation of bitterness and disorder of the stomach (second and third days),[1].—Constant efforts to vomit and vomiting of mucus,[15].—Vomiting a quantity of thick slimy mucus of a dark-green appearance, soon,[19].—Vomiting of undigested food, preceded by violent retching (after two hours),[1].—Vomited a quantity of thick slimy mucus of a dark-green appearance,[18].—[**290.**] Sour vomiting,[1].—**Vomiting of blood*,[11].—(The vomiting of blood is stopped by Stannum as by a charm),[10].†—***Stomach.*** Fulness and distension of the stomach, yet with hunger,[3].—A swelling up under the skin in the epigastric region, with griping in the abdomen, when walking,[2].—It causes troubles in the stomach and intestines,[13].—Sensation in the pit of the stomach as if disordered,[2].—Digestion is accomplished slowly; acid water comes up even to the throat a long time after dinner (thirty-third day),[14].—(Hysterical and hypochondriac cramps in the region of the diaphragm and abdomen),[1].—Griping between the pit of the stomach and umbilicus, as if some one were pinching up the muscles,[3].—[**300.**] Spasmodic griping in the stomach and about the navel, with constant nausea and with anxious uprisings to the pit of the stomach,[1].—Great pain at stomach,[18].—Violent pain in the epigastric region,[20].—Intolerable pressure in the stomach,[11].‡—Pressure in the stomach, in the forenoon,[1].—Pressure in the stomach and discomfort after taking some soup,[1].—*Pressure and obstruction in the pit of the stomach*, which, when, touched, pains as if suppurating,[2].—Anxious pressure in the pit of the stomach, only when lying down, as if a gush of blood would occur, for several hours, relieved by pressure,[4].—Tensive pressure in the pit of the stomach,[4].—Violent pressure in the stomach,[1].—[**310.**] Dull hard pressure near the left side of the pit of the stomach, just beneath the cartilages of the lowest ribs, somewhat relieved by pressure,[3].—Cutting about the stomach,[1].—Very transient burning beneath the diaphragm,[2].

Abdomen.—Hypochondria. At first a simple pain in both hypochondria, afterwards dull thrusts from the left to the right side, seem-

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† Revised by Hughes. ‡ Revised by Hughes.

ingly aggravated by pressing upon the right side,[3].—Pressure in the hepatic region,[1].—Pressure in the upper part of the liver,[2].—Burning pain in the hepatic region, then dull pain in the rectum, with the stool,[1]—Cutting in the right hypochondrium, aggravated by sitting bent over,[9].—Pressive cramplike pain in the left hypochondrium, now better, now worse,[5].—***Umbilicus and Sides.*** Griping cutting in the umbilical region nearly the whole day,[1].—[**320.**] Griping in the umbilical region, as from taking cold,[3].—Spasmodic pain above and below the navel, soon relieved by lying over a table, without emission of flatus,[1].—Painful digging in the abdomen, above the umbilical region; on pressing upon it, pain, as if upon a sore spot,[3].—Sudden painful compression in both sides beneath the true ribs,[3].—A dull slow pressure near the right side of the navel,[3].—Burning pressure in the right side of the abdomen,[2].—Sensation as if stretched in the right abdominal muscles, above the anterior spine of the ilium,[2].—Stitches in the right side of the abdomen, followed by drawing in the right shoulder; she was obliged to lie down, with perspiration on the face and arms, followed by creeping chilliness,[1].—Several violent stitches in succession in the right side of the abdomen, especially on coughing and breathing,[1].—Boring stitch in the left upper abdomen while walking,[4].—[**330.**] Crawling movements in the right side of the abdomen, as from a purge,[8].—A bruised pain in the left side, below the ribs,[1].—***General Abdomen.*** Distension of the abdomen,[1].—Painful distension of the abdomen, with painful sensitiveness to external touch,[1].—Fulness in the abdomen after eating,[1].—Frequent accumulation of flatus in the abdomen,[2].—Incarcerated flatus,[2].—Great rumbling in the abdomen,[3].—Rumbling, as from emptiness, in the abdomen on stretching the body,[8].—Loud rumbling in the abdomen after every meal, only while lying down,[4].—[**340.**] Bubbling in the abdomen,[3].—When a morsel is not far from the orifice of the stomach, there is a dull rumbling in the abdomen,[3].—Sensation of great emptiness in the abdomen (though without hunger), as if everything were crushed; food relished; he eats much and feels better afterwards, together with loss of strength in the body,[3].—**Sensation of emptiness in the abdomen* after eating,[7].—The abdomen is painful to touch, as if suppurating, with shortness of breath,[2].—**Sensation of soreness in the whole abdomen*, aggravated by touch,[3].—Wind-colic in the morning (thirty-seventh day),[14].—Wind-colic during the day (fortieth day),[14].—Colic; fetid flatulence (fortieth day),[14].—Frequent colic in the abdomen and rectum (forty-fifth day),[14].—[**350.**] Griping in the abdomen at times, with rumbling, as if diarrhœa would occur,[2].—Griping movements in the abdomen, as from incarcerated flatus,[8].—Griping and pressure in the abdomen, especially in the umbilical region, with urging to stool,[7].—Frequent paroxysms of pain in the abdomen,[1].—*Digging in the abdomen* before every stool,[1].—Drawing pressure here and there in the abdomen,[7].—Tensive pain in the abdomen, more towards the small of the back, most violent on stooping,[4].—Pain in the abdomen, extending to the stomach and to both sides beneath the ribs, on pressing the hand upon the umbilical region,[1].—Smarting pain in the abdomen,[1].—Burning pain in the abdomen,[1].—[**360.**] Frequent persistent desire as for diarrhœa, in the evening, with griping and painful movements in the abdomen, as from taking cold, and with thrusts in the left side, as from a child in the uterus, with distension of the abdomen, soon followed by a thin stool, succeeded by urging, and persistent colic, lasting till she went to bed,[3].—A stitch, as from a knife, on breathing, suddenly shoots through the abdomen from the left to the right side, so that she starts up in affright,[3].—***Hypogastrium***

and Iliac Region. Rumbling in the lower abdomen,[7].—Pressure in the lower abdomen, as before the menses, aggravated by pressure,[3].—Pressure here and there in the lower abdomen, with urging to stool,[7].—Fine sticking pain in the lower abdomen,[4].—Drawing cutting in the lower abdomen, close to the right ilium,[5].—Cutting, as with knives, transversely across the lower abdomen,[7].—Burning in the lower abdomen,[1].—Oft-repeated, strong, and jerking pulsations in the inmost part of the right inguinal canal, upon the track of the cord (twenty-seventh day),[14].—[**370.**] Pinching pain just above the left ilium, as if the intestines were overstretched, on stooping,[5].—Fine stitches in the symphysis pubis, to the left,[2].—Sensation as if a hernia would protrude in the left groin,[2].—Pressure in the inguinal glands, with some swelling,[1].—Fine griping in the left groin,[9].—Stitches in the right groin on stooping, as if he had sprained himself, disappearing on rising up,[8].

Rectum and Anus.—A pimple like a hæmorrhoid in the left side of the anus, with painful soreness, when touched,[2].—Pressive pain in the rectum,[4].—Sharp shootings at the end of the rectum (thirty-first day),[14].—Violent shooting, as if from needle-pricks, in the base of the rectum, extending even to the anus (twenty-sixth day),[14].—[**380.**] A violent thrust, as with a needle, in the rectum (fortieth day),[14].—Itching stitch in the rectum,[4].—Sensation of soreness and smarting in the anus, with fine stitches, immediately after a stool,[9].—A corroding pain about the anus, while walking and sitting,[1].—Burning in the anus, immediately after a stool, and at other times,[1].—Constant itching in the anus,[4].—Frequent urging to stool (which was otherwise natural),[7].—Frequent desire for stool, but a scanty evacuation, at times consisting of only mucus,[1].—Sudden desire for stool, the first part of which was natural, then pasty, at last thin, with shivering over the whole body, from above downward, and drawing from the small of the back down through the thighs; when he attempts to rise it constantly seems as though he had not yet finished,[3].—[**390.**] Renewed desire soon after a stool,[2].—Frequent inclination for stool,[3].—Frequent ineffectual desire for stool,[2].—*Ineffectual desire for stool*,[1].

Stool.—Diarrhœa. Most violent dysentery; the stools were at first loose, with much urging and tormina (after fourteen hours); afterwards the discharge became bloody and mucous, with the most intolerable tenesmus,[21].—Severe attack of something like dysentery,[20].—Soft stool, in the evening, preceded by colic, only felt a moment before the urging to stool (forty-fourth day),[14].—In the evening, as on the preceding days, soft stool preceded by colic, only felt at the moment of the urging to stool; fetid flatulence (forty-fifth day),[14].—Several evenings in succession, a soft stool preceded by colic (forty-second day),[14].—In the forenoon a soft stool, in the afternoon a thin one,[4].—[**400.**] Stool greenish, scanty,[1].—Scanty stool,[1].—Dry large stool, with violent cutting pains,[6].—Stool dry, in lumps,[1].—Hard stool, which seems slippery, but is not,[2].—Evacuation of some hard pieces of stool, with pressure,[8].—Difficult evacuation of consistent but not hard fæces, as if the intestines had not sufficient power to expel them (after twenty-four hours),[9].—Evacuation of mucus in the form of worms,[1].—Evacuation of mucus after a stool,[1].—***Constipation.*** Constipation,[20].—[**410.**] Constipation for some time, in a mother and her infant,[1].—Retention of stool for twenty-five hours,[6].—Stool six hours later than usual,[4].

Urinary Organs.—Kidneys and Bladder. Dull stitches in the region of the kidneys, extending inward,[2].—Sensitive pressure in the neck of the bladder and along the urethra, after urinating; it constantly

seems as though more urine would pass and some drops follow, when the pressure is still worse,[5].—***Urethra.*** A blister on the margin of the meatus urinarius,[1].—Soreness in the tip of the urethra,[1].—Burning in the forepart of the urethra, especially on urinating; he had a desire to urinate every minute and passed much,[1].—***Micturition and Urine.*** Frequent desire to urinate, even at night, obliging him to rise from bed, for three days; followed by more infrequent micturition and a smaller discharge of urine than during health,[8].—Desire to urinate, only like a feeling of fulness in the bladder; urine scanty, offensive, and infrequent, but without pain,[1].—[420.] Retention of urine,[1].

Sexual Organs.—Male. Burning internally in the sexual organs, as in excessive irritation to discharge semen (after twenty-four hours),[1].—An intolerable voluptuous excitement in the genitals and in the whole body, even to emission of semen (after forty hours),[1].—Erections immediately; on the following days want of erections,[1].—Nocturnal erections, without lascivious dreams,[8].—Jerking in the penis, as far as the posterior portion, almost as when evacuating semen,[1].—Sticking sensation, as from needles, in the glans penis,[4].—Burning pain in the glans penis, immediately followed by desire to urinate,[4].—Burning stitch in the glans penis,[4].—Nocturnal pollution during sleep, while lying on the back (fifteenth and seventeenth nights),[14].—[430.] *Emissions* without lascivious dreams,[4 8].—No sexual desire and no ability for coition, not even when excited thereto (secondary action?),[1].—***Female.*** Prolapsus of the vagina, aggravated during a hard stool,[1].—White transparent mucus in the vagina,[1].—Leucorrhœa ceases,[1].—Itching of the vulva,[16].—Menses more profuse than usual (twelfth day),[3].

Respiratory Organs.—**Rawness in the larynx*,[1].—***Mucus in the trachea, in the forenoon, easily expelled by a forcible cough, with great weakness of the chest, as if eviscerated, and with weakness of the whole body and of all the limbs,** *in which the sensation of weakness extended upward and downward, several mornings in succession*,[3].—Tingling in the trachea, which provokes several fits of dry coughing, in the evening (thirty-third day),[14].—[440.] ***Irritation to cough, in the trachea, as from mucus, on breathing,** *with neither a loose nor dry cough, felt more while sitting bent over than when walking*,[2].—***Voice.*** ***Hoarseness, weakness, and emptiness in the chest, on beginning to sing, so that she was constantly obliged to stop and take a deep breath; at times a few expulsive coughs removed the hoarseness for a moment*,[3].—**The voice is husky, hollow* (eighteenth day),[14].—***Cough and Expectoration.*** ***Scraping cough, with greenish expectoration of an offensive sweetish taste, worse in the evening before lying down, with a hoarse voice; a sore sensation in the chest and trachea after every cough (the irritation which provokes it is low down in the trachea)*,[1].—**Frightful cough, with expectoration and spitting of blood*,[1].—***Fatiguing paroxysms of cough, so that the epigastric region was painful, as if beaten*,[1].—***Violent, shattering, deep cough*,[1].—***From time to time short cough, as from weakness in the chest, with a hoarse weak sound*,[3].—**Tickling cough, as from soreness, low down in the trachea; a scraping, extending upward into the throat*,[1].—Hacking cough, in three paroxysms,[2].—[450.] Constant inclination to cough caused by constant constriction in the trachea,[2].—**Constant inclination for hacking cough, as if caused by much mucus in the chest, with an internal sensation of scraping and rattling*,[2].—***Much inclination to cough, before midnight, with scanty expectoration, for several nights*,[1].—**Yellow expectoration of a foul taste from the trachea*,[1].—Expectoration of viscid and thick mucus, which seems to

come from the velum pendulum, where it may have been secreted (tenth day),[14].—***Expectoration of a globular, grayish lump of thick mucus,** *containing a clot of black blood, and appearing to come from the throat* (eighteenth day),[14].—**Salty expectoration from the chest*,[1].—***Respiration.*** ***Short difficult respiration, caused by weakness of the respiratory organs, with great emptiness in the chest, though without dyspnœa,**[3].—Respiration was shorter, in the evening, with anxiety; was obliged to breathe rapidly for a long time, until he could once take a deep breath, after which everything passed off,[1].—Paroxysms of dyspnœa, short breath, and anxiety, in the evening,[1].—[**460.**] **Dyspnœa and want of breath, on ascending steps, and on the slightest motion*,[4].—**Dyspnœa, as if the clothes were too tight; he was obliged to open them in order to breathe as usual*,[7].

Chest.—**Oppression of the chest, as if it were internally constricted*, with a sensation as if the inspired air were very dry,[3].—Oppression of the chest, as if something rose up into the throat and took away his breath,[3].—**Distressing oppression in the upper part of the chest, was frequently obliged to take a deep breath, with a sensation of great emptiness in the pit of the stomach*,[3].—***He was always very much oppressed when coughing,**[1].—**Constriction of the chest, with anxiety, in the evening*,[1].—Constrictive pain in the chest beneath the right arm; a sticking on moving about,[1].—Drawing pressure on the conjoined cartilages of the last left ribs,[3].—Pressure from within outward, in the chest, beneath the right nipple,[7].—[**470.**] Pressive cramp in the chest, while sitting, aggravated by inspiration,[5].—Pressure, low down in the chest, as from a weight,[2].—Tension and pressure across the upper part of the chest, in the morning on rising from bed,[1].—Aching in the whole of the chest, especially above the pit of the stomach, worse on inspiration,[3].—Wandering pains in different parts of the chest, and drawings here and there (thirty-first day),[14].—**Bruised pain in the chest*, during rest and motion,[1].—***Sore pain in the whole of the chest,** starting from the throat,[3].—**Sensation as if mucus were in the chest*, with rattling when breathing, perceptible internally and audible externally,[2].—Burrowing pain in the chest, extending thence into the abdomen, with desire for stool,[3].—Drawing from the clavicle into the left axilla,[3].—[**480.**] At times, during rest, sensation as if the chest dilated, though with a feeling of anxiety, as in palpitation,[3].—Muscular twitches in the upper part of the chest by the left axilla,[4].—Twitching jerking in the muscles of the false ribs,[4].—Sharp piercing needlelike stitches in the clavicle,[2].—Stitches in the chest and shoulder-joint on breathing,[1].—Cutting stitches frequently through the chest, from below upward and outward, in the forepart of the uppermost ribs, not affected by respiration,[9].—**Violent stitches in the chest and sides, preventing respiration*, several forenoons; in the afternoon, distension of the abdomen,[1].—***Front and Sides.*** Tearings at the inner surface of the sternum, in a line with the fifth and sixth ribs, extending a little way into the left side of the chest (twenty-ninth day),[14].—Tensive stitch in the sternum, persistent during respiration,[4].—A long fine stitch by the ensiform cartilage, soon after eating,[3].—[**490.**] Boring-gnawing pains in a point at the left side of the chest, sometimes before, sometimes behind the shoulderblade (twenty-second day),[14].—Sensation of internal gnawing at a spot in the anterior portion of the chest on the left side (thirty-third day),[14].—Sensation in the thoracic walls, in a line with the apex of the heart, as if an insect was biting the parts there (thirty-first and thirty-second day),[14].—During the night, dull wandering pains, in the anterior portion of the left chest behind the scapula, with sweat on the chest only

(forty-fifth day),[14].—During the whole day, but not continually, sensation at a spot in the right side, as if a vessel were there into which a liquid was dropping rapidly (thirty-second day),[14].—Cutting pain in the right side of the chest,[1].—Cramplike cutting in the right ribs, while walking, only on inspiration,[5].—Tearing cutting in the left side of the chest, while walking and standing,[8].—Stitches as from a flea, in the last right true and in the left false ribs,[2].—Burning stitches in the left chest, worse on expiration, while walking in the open air,[6].—[**500.**] **Sudden, sharp, knifelike stitches in the left side of the chest,*[3].—**Suddenly a long stitch in the left side of the chest, a hand's breadth beneath the axilla, causing fright,*[3].—Tensive stitch in the right side of the chest that almost took his breath,[4].—**A tensive stitch in the left chest, persistent during respiration, worse on stooping,*[4].—**Sudden drawing beneath the left breast, on rising up in bed, followed by sharp knifelike stitches, extending thence into the clavicle towards the shoulder, where the pain persisted, and in the left side extending downward into the lower abdomen ; aggravated by bending inward, pressing upon it, and especially by inspiration and hacking, which also caused a painful shock,*[3].—Violent itching on the nipple,[1].

Heart and Pulse.—Pain in the præcordial region and hiccough,[19].—Pulse 100,[19].—His pulse became indistinct and fluttering,[18].

Neck and Back.—Neck. The nape of the neck drawn upward, with a feeling of stiffness, so that she could not move the head easily,[3].—[**510.**] Cracking in the cervical vertebra, audible even to others, on shaking the head suddenly,[3].—Weakness of the cervical muscles, as if she could not hold up the head, with pain on moving the head,[3].—Pain in the nape of the neck, on bending the head forward,[3].—The deepseated muscles of the posterior region of the neck are painful to touch, near their insertion to the occiput (twentieth day),[14].—The pain (rheumatic) which I felt yesterday, at the right side of the nape of the neck, in the fibres of the trapezius, was aggravated during the night (twenty-fifth day),[14].—Itching stitches in the nape of the neck, in the morning in bed,[9].—Sudden acute stitch in the lower portion of the nape of the neck,[3].—***Back.*** Pain as if beaten, in the back and lower extremities, in the morning on rising; she is weary, as if she had slept too little, and her body was not sufficiently rested; somewhat relieved a few hours after rising,[3].—Stitchlike tearing in the left side of the back, and from below upward, while standing,[8].—Sharp jerking stitches in the left side of the back, and at the same time in the left thigh,[4].—[**520.**] Fine burning stitches in a small spot in the middle of the back,[5].—Fine stitches, from within outward, at the back,[4].—***Dorsal.*** Pressive drawing in the spine, below and between the scapulæ, worse on motion, especially on turning the body,[7].—On raising a weight, he was suddenly affected between the scapulæ as if sprained, more to the left side, with violent sharp knifelike stitches on the slightest movement, breathing, or yawning; intolerable pains on bending backward,[3].—Drawing tearing in the left scapula, partly towards the back, partly towards the shoulder,[1].—Sticking griping in the back by the false ribs,[9].—Burrowing stitches in the right dorsal muscles, persistent during respiration,[4].—Violent burning sticking in the upper part of the scapulæ, transiently relieved by rubbing,[6].—Broad dull stitches, from within outward in the spine, between the scapulæ,[9].—Slow, intermittent, dull stitches between the scapulæ, in the middle towards the spine,[1].—***Lumbar.*** [**530.**] Pain pressing from above downward, in the left side of the back above the hip,[3].—Pressive burning in the small of the back, somewhat to the right side,[2].—Violent crawling

in the small of the back,[1].—Acute pain in the right lumbar region, in the morning,[17].—Violent tearing in the lumbar vertebræ, from both sides into the region of the kidneys, worse on every motion of the trunk,[7].—Dull thrusts in the lumbar region, with a sensation of external coldness against him,[1].—A wavelike shock in the back above the left ilium, so that he started in fright,[3].

Extremities.—**Great loss of power in the arms and lower extremities, as if there were no strength in them, and as if the latter would not support the body*,[3].—Paralysis of the left arm and foot, from fright, disappearing at night,[1].—Weariness in the arms and lower extremities; was obliged to let the arms sink down,[3].—[**540.**] Painful weariness in the extremities, while standing, with unsteadiness and tottering; they could not support the body,[3].—Heaviness in all the limbs, weakness of the chest, and alternating excessive anxiety,[1].—Bruised pain in the limbs, and especially above the small of the back,[1].—Bruised pain in all the limbs (twenty-fifth day),[14].—Bruised pain and coldness in all the limbs (twenty-fifth day),[14].

Superior Extremities.—**Paralytic weakness of the arms if he holds a light weight for only a short time*,[9].—**Paralytic weakness and heaviness in the arms*, especially in the right arm, chiefly in the upper arm and joints; *aggravated by every motion*, at times associated with dyspnœa,[7].—**The arms easily become fatigued from moderate exercise, so that everything he holds is allowed to fall*,[7].—The arms and fingers are almost immovable,[1].—Acute jerking, now in the arm, now in the hand, now in a finger, as if he had received a hard blow upon it,[3].—[**550.**] Pain as from a sprain, in the joints of the arm; she could not bend them without great pain,[1].—Tearing in the left arm, especially in the upper arm, deep internally,[7].—Paralytic tearing in the left arm, especially in the wrist, aggravated by motion,[7].—***Shoulder.*** Pressure and drawing, as from a weight on the left shoulder, in the outer portion of the upper arm and extending from the elbow to the deep-lying muscles of the forearm, gradually disappearing in the house,[3].—Paralytic pain, as from a sprain, just beneath the shoulder-joint, only during rest, only transiently relieved by motion,[4].—Sensation of compression in the shoulder,[1].—Tearing on the left shoulder,[4].—Paralytic tearing in and beneath the right shoulder-joint, more violent on motion,[7].—During the night, constant sharp pain in the right shoulder, in the fibres of the trapezius, aggravated by lifting the arm, and by touch (twenty-fourth day),[14].—Sudden acute hard beating on the right shoulder,[3].—[**560.**] Itching stitches in and beneath the axilla,[9].—A burning stitch in the top of the right shoulder,[4].—***Arm.*** Piercing pain, at intervals, in the bone of the left upper arm, as if it were compressed and crushed, during rest and motion,[1].—Bruised pain in the lower portion of the left upper arm,[1].—Twitching in the muscles of the upper arm, above the elbow, during rest (after five, and twenty-six hours),[4].—Muscular twitches internally in the left upper arm, while resting the arm upon anything; on changing the position it disappears, but in the former position it returns,[6].—Transient drawing, extending from the elbow to the upper arm,[3].—Drawing in the left deltoid muscle, as from loss of power,[2].—Pressive tearing in both upper arms, at intervals,[7].—Pressive tearing in the middle of the right upper arm, suddenly appearing and disappearing,[7].—[**570.**] Tearing in the anterior and upper part of the right upper arm,[7].—Tearing pressure in the middle of the left upper arm, posteriorly and internally,[7].—Burrowing stitch in the right deltoid,[4].—***Elbow and Forearm.*** Tension and sensation of soreness in the tip of the elbow, especially on bending the arm,[9].—Cramplike

stiffness in the right forearm,[2].—Pressure on the right forearm, towards the anterior and outer portion,[7].—Paralytic tearing in the right forearm,[7].—Pain as from a sprain, above the left wrist, in the styloid process of the radius,[2].—Pinching just above the wrist, on the radial side,[3].—Pain as from a sprain, in the left wrist,[2].—[**580.**] Dull pains in the right wrist (twenty-fifth day),[14].—Every few moments, in the evening, at night and towards the morning, sharp pain in the right wrist-joint, sometimes extending even into the forearm (thirteenth and fourteenth days),[14].—Sudden drawing at short intervals, extending from the radial side of the wrist to the hand,[3].—Pressive tearing in the right wrist, aggravated during motion,[7].—***Hand.*** *Swelling of the hands*, in the evening,[1].—Chilblains on the hands, during mild weather,[1].—Trembling and sensation of heat in the left hand,[1].—Weakness and trembling of the hands, mostly when lying upon a table and when writing, which was very annoying,[7].—Cramplike contraction in the palm of the left hand,[2].—Cramplike pain on the back of the left hand between the index and middle fingers,[2].—[**590.**] Transient jerking in the left hand above the joint,[3].—At night, after waking, wavelike drawing jerks, deep in the hand, as if in the nerves, so that he could have cried out,[3].—Jerklike tearing in the hand, coming from the fingers,[3].—Intermittent pressive tearing in the bones of the hand and wrist, and also in the first finger-joints,[7].—Dull intermittent pains, in the posterior surface of the metacarpus of the left hand, in the evening (eleventh day),[14].—Sharp pains in the first metacarpus of the right hand, every few minutes (thirteenth and fourteenth days),[14].—Sharp and rapid pains in the first metacarpal bone of the left hand; the same pain in the right ankle (fortieth day),[14].—***Fingers.*** Very painful hangnails on the fingers,[1].—Pain in the middle joint of the left middle finger (forty-third day),[14].—Pain as from a sprain, in the whole of the left index finger, on bending, stretching it out, and during rest, frequently recurring for five days,[8].—[**600.**] Sharp pain in the second articulation of the left ring finger (thirtieth day),[14].—Dull or sharp pain internally, in the first phalanx of the left forefinger, near the metacarpo-phalangeal articulation; same sensation in the right forefinger (twenty-fifth day),[14].—Dull pain at the inner surface of the posterior extremity of the first phalanx of the left forefinger (twenty-sixth day),[14].—Sharp drawing in the second joint of the left middle finger (twenty-sixth day),[14].—Sharp drawing pains in the articulations of the first with the second phalanx of the left ring finger (twenty-fifth day),[14].—Drawing in the first phalanx of the left thumb and below the wrist,[2].—Cramplike drawing pain in the left middle finger, with jerking, so that the finger trembled,[3].—Cramp in the fingers, which remain contracted for a long time,[1].—Tearing in the first joint of the index finger, which gradually disappeared on moving the hand,[8].—Pressive tearing in the first phalanges of the right fingers, worse during motion,[7].—[**610.**] Acute jerking pain between the thumb and index finger, when holding a pen; when holding the pen loosely and when ceasing to write nothing was felt, but the jerking soon returned and lasted a long time,[3].—Cutting in the ball of the left little finger, worse on bending it up,[5].—Fine dull acute thrusts in the metacarpal bone of the left index finger, and in other parts of the hand, as if a tense nerve were struck with a little hammer,[3].—Shootings in the second joint of the left middle finger (twenty-fourth day),[14].—Shootings, which start from the metacarpo-phalangeal joint of the left index finger, and spread even to the end of the finger (twenty-fourth day),[14].—Stitches in the tips of all the fingers,[1].—Pressive sticking burning on the outer margin of the metacarpal bone of

the left little finger,[7].—Fine needlelike stitches in the tip of the left middle finger,[2].—Drawing stitches in the first joint of the left index finger, towards the tip,[1].

Inferior Extremities.—Sensation of weakness in the lower extremities, as if fatigued by a long walk,[3].—[**620.**] Weakness of the right lower extremity, especially in the thigh, as if in the bone, so that it was painful while standing, and he was obliged to rest upon the left limb,[6].—Great weariness and heaviness in the lower extremities after a two hours' walk,[3].—Uneasiness in the lower extremities; was obliged to move them hither and thither, in the evening,[6].—Great heaviness in the lower extremities; she could scarcely ascend steps, and was then obliged to sit down immediately,[3].—*Paralytic heaviness and weariness in the lower extremities, especially in the thighs and knee-joints;* can scarcely walk; is obliged to sit and lie,[7].—Bruised pain in the lower extremities on ascending steps; on descending them, so powerless and weak that he was in danger of falling,[3].—***Hip.*** Violent pain in the muscles about the hip-joint, on raising up the thigh,[1].—Pain, as from a sprain, in the right hip while walking, so that he was almost obliged to limp, lasting several hours,[8].—Paralytic pain in the hip-joint, while walking,[4].—Drawing in the left hip,[2].—[**630.**] Transient dull pressure in the ischii, while sitting,[3].—***Thigh.*** Loss of power in the thighs,[2].—Muscular twitches in the left natis,[4].—Pain, as from a sprain, in the thigh beneath the hip-joint, while walking,[3].—Pain, as from a sprain, on the thigh, just beneath the hip, only when walking,[4].—Dull pulsating pressure on the inner side of the middle of the thigh,[3].—Pressive drawing in the inner side of the left thigh, in the groin, from the ascending ramus of the ischium to the back part of the thigh, then from the hip over the small of the back to the right side; at times grumbling in the ischium,[3].—Pressive drawing in the outer side of the right thigh, which rests over the left, while sitting,[8].—Drawing tearing in the left thigh, during rest and motion,[8].—Drawing tearing from the bone, from the knee to the middle of the thigh, while sitting,[5].—[**640.**] Tearing pressure in the forepart of the right thigh-joint, extending inward and beneath the patella,[5].—During the night, sharp pain, but of brief duration, in the upper part of the right thigh above the crural canal (seventh day),[14].—Sharp pains in quick, jerking twitches, returning at intervals, which are sometimes quite lengthened, in the anterior part of the right thigh; similar pains in the left thigh some moments after (seventh day),[14].—Cutting internally in the left thigh,[2].—Stitches, as from a needle, on the inner side of the left thigh,[2].—Sticking pain in the muscles of the right thigh, only while standing,[8].—Itching stitch very high up in the inner side of the thigh,[4].—Constant itching stitches in the left nates, near the anus,[4].—***Knee.*** Stiffness in the hollow of the right knee,[1].—Sudden stiffness of the knee, so that he could bend it only with great pain,[1].—[**650.**] While walking, especially in the sun, the knees frequently give way, with weakness of the whole body, and the perspiration of weakness on the face,[3].—Weakness in the knee-joint, so that he could scarcely walk, with inclination to slumber,[2].—Bruised pain in the hollows of the knees, and in the calves, as after a long walk, in the evening during rest and motion,[1].—Tensive pain in the hollow of the left knee,[1].—Drawing, extending from the hollow of the right knee to the calf,[2].—Pressure in the right knee-joint,[7].—Burning scraping on the outer side of the left knee,[3].—Tearing in the ligaments, in the inner side of the left knee,[8].—Itching twitching beneath the patella,[4].—Fine painful stitches in the right knee, and in the hollow of the knee, while sitting,[6].—[**660.**] Dull stitches on the outer side of the right

knee only on standing, disappearing on moving the limb, and while sitting,[8].—***Leg.*** Great weariness in the legs, especially in the left leg, extending up from the feet, and jerklike drawing in the knees, especially while standing, with sore pain in the soles of the feet,[9].—A painful sensation, as if a heavy weight were hanging upon the left lower leg while sitting, if it rests over the other leg and hangs down,[3].—Tension in the left leg,[4].—Cramplike tearing in the right leg, while walking,[8].—Drawing tearing in the leg, while sitting,[8].—Sensation, as if the lower leg were tightly bound up,[1].—Small swelling on the tibia, with a red point; it was painful to touch, as if the flesh were loose from the bone,[1].—Pulsative pressure in the right tibia,[3].—Lancinating pains, which seem seated in the upper part of the outer surface of the left tibia, near the femoro-tibial articulation (eighteenth day),[14].—[**670.**] Violent cramp in the calves almost all night,[1].—Painful tension on the inner side of the left calf, while standing,[3].—Pressure in the whole right calf,[4].—Pressure in the left calf, during rest and motion,[4].—Painful drawing on the outer side of the calf, during rest and motion,[8].—Pain, as from heaviness, in the outer muscles of the left calf frequently, while walking,[5].—Pinching in the upper part of the inner muscles of the calves,[5].—***Ankle.*** Sudden swelling of the ankle, in the evening,[1].—Pain below both ankles, in the evening when lying in bed, as if the heel were torn out,[1].—Itching stitch beneath the left inner and outer malleoli,[4].—[**680.**] Sharp shooting in the tarsal bone, below the right ankle (twentieth day),[14].—***Foot.*** Red swelling of the feet, especially about the ankles, with a sensation as if the feet were tightly bound,[1].—Cramplike pain in the sole of the right foot, while sitting,[8].—Pain in the feet from above the ankles to the soles, when sitting, less when standing and walking,[3].—A dull sticking pressure in the outer side of the right heel, extending up into the calf, on stooping, only when walking; disappearing on raising the foot,[5].—Sharp pressure transversely across the sole of the right foot, while sitting,[3].—Tearing pressure in the right heel,[7].—Tearing and jerking in both malleoli of the right foot, extending thence to the toes, while sitting; while standing it seems better, but then a tearing extends from the toes upward,[3].—Crawling in the feet, as after a long walk, or as if they would fall asleep, gradually extending into the legs,[3].—***Toes.*** Drawing tearing between the metatarsal bones of the two last toes,[5].—[**690.**] Shootings in the second joint of the right middle toe (twenty-fourth day),[14].—Sharp shootings in the tip of the right great toe (twenty-fifth day),[14].—Violent shootings in the metatarso-phalangeal articulation of the right second toe (forty-fourth day),[14].—Shootings in the metatarso-phalangeal articulation of the right great toe (forty-fifth day),[14].

Generalities.—(Genuine epilepsy),[12].†—It causes emaciation and consumption,[13].—The whole body and limbs are tremulous and unsteady; yet the hand trembles more when resting it lightly upon anything than when grasping anything tightly,[3].—**Weariness of the whole body, especially after ascending steps, for seven days*,[1].—Great weariness after descending steps, so that she could scarcely breathe; on ascending the steps she felt nothing,[3].—Very weak and sleepy, so that he could scarcely endure it,[1].—[**700.**] **She was suddenly attacked by weakness so that she could scarcely*

† "In a boy who suffered frequently from convulsive attacks, especially in the morning fasting, Tin was given to destroy the worms, which were supposed to be present; and thereupon the fits increased and multiplied to perfect epilepsy."—HUGHES.

breathe, while dressing, after rising from bed,[3].—**Great weariness during the day; he was obliged to lie down*, but could not sleep, and when he slumbered was attacked with vertigo, vanishing of sense, and dulness of mind, for half an hour,[1].—Great weariness, with constant inclination to sit down; it is most felt when walking slowly, so that he involuntarily walks rapidly,[3]. —**Excessive prostration; constantly wishes to sit or lie down, and when about to sit down falls upon the chair, because he has not the power to sit down slowly*,[3].—**Most distressing debility*, almost preventing my riding home, a distance of a few miles,[21].—When walking rapidly he feels the exhaustion less, but all the more afterward,[3].—**Loss of power, as if the limbs were beaten*,[3].—*Extreme exhaustion of mind and body;* cannot continue at any work on account of irresistible sleepiness; is obliged to lie down and sleep, but frequently wakes in different dreams,[7].—Uneasiness in the whole body, with burrowing on the tibiæ, after waking from a deep sleep, at 1 A.M.,[1].—Uneasiness, so that he cannot remain long in one place,[7].—[**710.**] A frequent agreeable sensation of lightness on deep breathing,[3].—Many pains, especially the pressive-drawing, beginning slight, increasing slowly, becoming severe, and just as slowly disappearing,[3].—Severe pain (second day),[19].—Heavy pressure, now in one, now in another bone,[5].—Sticking griping in various parts of the body alternately,[3].—All were affected in a similar manner to myself, and after a lapse of about the same time,[22].—While walking the symptoms seem to disappear, but immediately return during rest; only the weakness is most noticed, when walking,[3].

Skin.—Objective. Itching eruption over the whole body,[1].—Itching pimples on the face, painfully sore to touch, or on washing,[1].—A red, somewhat elevated spot on the forepart of the neck, with a white, quite painless pimple in the middle of it,[9].—[**720.**] In the middle of the sternum, a kind of small, red, sharply circumscribed pustule, causing, for a few moments only, acute itching, two evenings in succession (eleventh day),[14].—A boil in the right angle of the lower jaw, red, with drawing pain, aggravated by touch, lasting eight days,[1].—Small itching hives below the wrist, through the day; the itching was aggravated by rubbing,[1].—Small red, painless spots on the backs of both hands,[1].—Itching pimple on the left thigh,[1].—Round yellow spots on the left leg, lasting two days,[2].—***Subjective.*** Violent burning in the hands and feet,[1].—Fine needlelike stitches over the whole left side of the body; the next day only on the right side,[6].—Biting itching over the whole body on undressing; was obliged to scratch,[8].—Itching-burning stitches over the whole body, especially on the thumb, chiefly in the morning in bed, for several days,[3].—[**730.**] Burning itching, as from flea-bites on the back of the hand for eight hours, not relieved by rubbing,[1].—Sticking itching on the outer side of the thigh, only transiently relieved by rubbing (after half an hour),[1].—Itching on the back of the left foot,[4].

Sleep.—Frequent yawning, as if he had not slept enough,[8].—Much yawning, when walking in the open air, though with oppression, as from a cord about the chest,[1].—Stretching of the arms and yawning (after a few minutes),[1].—He is excessively impelled to yawn, yet he cannot yawn sufficiently, however wide he opens his mouth,[1].—Sleepiness, after walking in the open air, especially caused by music, and a vivid dream immediately on closing her eyes,[1].—Sleepiness and inclination to yawn; the eyes close,[7]. —Falls asleep early in the evening after lying down, and wakes late in the morning,[3].—[**740.**] Deep sleep, several nights,[1].—Frequent waking at night, as if he had slept enough,[8].—Frequent starting up, as from fright in bed, at night,[8].—Sleep restless, and interrupted by pain (twenty-fifth day),[14].—

Slumbering in the evening hindered by constant uneasiness in the legs,[1].—At night, on waking, he was lying upon the back, the right leg stretched out, and the left drawn up and half uncovered,[3].—The child moans in sleep, at night, cries, begs, and is frightened,[1].—(He talked in sleep, and spoke of the uselessness of an external remedy for an internal trouble, as if in a somnambulistic state),[1].—***Dreams.*** Very vivid anxious dreams, at night,[1].—Vivid dreams full of terror (second night),[8].—[**750.**] Pleasant dreams of earthly splendor and greatness, which keep her in good humor after waking,[3].—Lascivious dreams, with erections, without emissions,[4].—Lascivious dreams and emissions, without erections,[8].—Amorous dreams, with physical enjoyment, without a pollution (twenty-second day),[14].—Anxious dreams of quarrel, strife, and battles,[4].—Anxious dreams of neglected business, about the same subject, two nights,[2].—Dreams of fire,[6].—He heard a loud noise in a dream,[1].—Confused, unremembered dreams,[3].—Confused, vivid dreams in which many things are mixed up, sometimes she talks aloud, tosses about the bed, frequently wakes, and always finds herself sitting up in bed,[3].—[**760.**] Vivid, confused, half-remembered dreams,[3].

Fever.—Chilliness. Chilliness,[20].—**Chilliness over the whole body*, lasting half an hour,[7].—Coldness of the whole body, with bruised pain in the limbs (twentieth day),[14].—Very transient chilliness, especially along the back,[7].—Shivering several forenoons about 10 o'clock, with coldness in the hands, deadness of the fingers, and insensibility of their tips,[1].—Coldness and bruised pain throughout all the limbs (twentieth day),[14].—Gooseflesh over the arms and chattering of the teeth, as in convulsion of the masseter muscles, with only slight sensation of coldness and moderate shivering,[1].—Shivering only in the left arm, wherewith it jerked up,[1].—Shivering only in the left foot, extending half way up the thigh, in the evening,[1].—[**770.**] Very cold knees and feet,[1].—***Heat.*** Heat,[20].—Great heat over the whole body, especially on the chest and back, with a sensation as though hot sweat were running down, without externally perceptible heat,[7].—Sensation of heat over the whole body, especially on the thighs and back,[7].—Heat and perspiration over the whole body from 4 to 5 P.M., followed by chilliness; during and after the heat thirst, which recurred several afternoons about the same time,[1].—Anxious heat and perspiration broke out constantly, even on the slightest movement,[3].—Anxious heat, as though perspiration would break out, attacks him at intervals,[3].—Sensation of heat, especially internally,[7].—Internal heat, after walking in the open air, especially in the chest and abdomen, without thirst,[1].—Skin hot and dry,[19].—[**780.**] Great heat in the head, with heat of the forehead, with redness of the face, together with general though with slight heat over the whole body, worse in the evening, with much thirst, five evenings in succession (after five days),[1].—Heat in the forehead, even perceptible externally.[1].—Flushing heat in the face, perceptible internally and externally,[3].—Flushes of heat in the feet,[1].—Disagreeable heat in the feet, though little noticed externally,[3].—***Sweat.*** Hot sweat over the whole body and complete exhaustion, even on only slight movement,[7].—A cold, clammy sweat broke out,[18].—*Profuse nightsweat, for two nights (after forty-eight hours),[1]—**Profuse perspiration after* 4 A.M., *every morning*,[1].—**Morning-sweat*, mostly on the neck, nape of the neck, and forehead,[1].

Conditions.—**Aggravation.**—(*Morning*), On waking, weakness of memory, dizziness; pain and heat in head; headache; after rising, stopped sensation in left ear; nosebleed; on waking, acid saliva runs from mouth; scraping in throat; eructations; weakness; tension and pressure across

chest; in bed, stitch in nape of neck; on rising, pain in back and lower extremities; pain in lumbar region; itching stitches over whole body; 4 A.M., sweat.—(*Forenoon*), Pressure in stomach; stitches in chest; 10 o'clock, shivering.—(*Afternoon*), 4 to 5 P.M., heat.—(*Evening*), Heaviness and dulness of head; pressing in brain; cracking in front of ear; scraping in throat; constriction of chest, with anxiety; swelling of the hands.—(*Night*), Pain in nape of neck.—(*Ascending steps*), Weariness of whole body.—(*Bending backward*), Pressure in forehead.—(*Bending finger*), Cutting in ball of left finger.—(*Breathing*), Stitches in abdomen; deep, feeling of lightness.—(*Coughing*), Stitches in abdomen; oppression.—(*Descending steps*), Weakness of body.—(*After eating*), Bitter eructations; nausea; fulness in abdomen; emptiness in abdomen; stitch by ensiform cartilage.—(*Expiration*), Stitches in left chest.—(*Inspiration*), Cramp in chest; aching in chest; cramp in right rib; drawing beneath left breast.—(*Lifting arm*), Pain in right shoulder.—(*Lying upon temple*), Pressure in it.—(*During menses*), Pain in malar bone.—(*Motion*), Drawing in spine; stitches between scapulæ; tearing in lumbar vertebræ; weakness of arms; tearing in left arm; tearing in right shoulder; tearing in right wrist; tearing in first phalanges of right fingers.—(*Music*), Sleepiness.—(*Pressing on right side*), Pain in hypochondria.—(*During rest*), Pain beneath shoulders; twitching in muscles of upper arm.—(*Rubbing*), Itching.—(*Shaking head*), Crackling in cervical vertebræ.—(*Sitting*), Pain in feet; pressure across sole of right foot.—(*Sitting bent over*), Cutting in right hypochondrium.—(*Soup*), Pressure in stomach.—(*Standing*), Stitches in muscles of right thigh; stitches on outer side of knee; tension in calf.—(*During hard stool*), Prolapsus of vagina.—(*Stooping*), Tearing in forehead; pain in abdomen; pain above left ilium; stitches in right groin; stitch in left chest.—(*Touch*), Soreness in abdomen; pain in boil.—(*Walking in open air*), Vertigo, eructations.—(*Walking*), Pain in hip; pain in thigh; tearing in right leg; slowly, weakness.

Amelioration.—(*Open air*), Fretfulness.—(*Pressure*), Pressure in forehead; pain in right temple; pressure in pit of stomach.—(*Walking*), Symptoms.

STAPHISAGRIA.

Delphinium staphisagria, Linn.

Natural order, Ranunculaceæ.

Common names, Stavesacre; (G.), Läusesamen; (F.), Staphisaigre.

Preparation, Tincture of the seeds.

Authorities. (From Hahnemann, R. A. M. L.) **1**, Hahnemann; **2**, Cubitz; **3**, Franz; **4**, Gross; **5**, Gutmann; **6**, Hartmann; **7**, Haynel; **8**, Herrmann; **9**, Hornburg; **10**, Kummer; **11**, Langhammer; **12**, Stapf; **13**, Teuthorn.

Mind.—Emotional. He was joyous, enjoyed society, and was good-humored,[11].†—Good-humor; he was joyful and conversational, and was happy in his condition (after thirteen hours),[11].†—Earnest mood, quiet, busy with himself, speaks very little,[11].—Very lachrymose,[1].—Sadness, without ability to assign any reason,[5].—Sad; he fears the worst results from slight causes, and cannot quiet himself,[13].—Mind phlegmatic, depressed, sad, apathetic, indifferent to everything, without peevishness or without

† Curative reaction of the organism in a man of the opposite disposition.—HAHNEMANN.

being weak,[5].—Her mind seemed dead and sad, though not with weeping,[1]. —Morose; she frequently cries at nothing,[1].—[**10.**] She was full of grief all day; she grieved over her condition and wept; nothing in the world pleased her (after fifty hours),[1].—She will hear or know nothing from any one; she wraps up her face and weeps aloud without cause,[1].—Anxious and fearful,[1].—Great anxiety; he dreads the future,[5].—Violent internal anxiety, so that he could not remain in any place, but without complaints,[1]. —Anxious thoughts and events in the past came to him as if the past were present before him, which caused anxiety and anxious perspiration, then it became black before his eyes; he did not know whether the images were real or illusory, then everything seemed different, and he lost all desire to live,[1].—(When walking rapidly, it seems as though some one were coming behind him, which causes anxiety and fear, and he is constantly obliged to look around),[1].—***Very peevish** (**in the morning**); **he wishes to throw from him everything which he takes in his hand**,[1].—Fretful and sad,[12].—Fretful and peevish all day; does not know himself on account of despondency, and is extremely depressed (after thirty-seven hours),[11].—[**20.**] Fretful and restless all day, found rest nowhere,[11].—Quiet fretfulness; he is vexed at everything which even does not concern him,[5].—**Fretful and disinclined for mental work* (after two hours),[5].—Fretful and lachrymose,[12]. —Every word vexes her; she cries even if one only speaks to her,[1].—Quarrelsome mood and yet lively,[13].—(Hypochondriac mood; everything seems indifferent to him; he would rather die),[1].—Alternations of mood, at first joyous, then anxious, at last quiet and contented,[11].†—***Intellectual.*** Dulness of mind, that keeps him from every work,[1].—Even attractive things made no impression upon him,[1].—[**30.**] **Disinclination for earnest work*,[5].—He is mentally exhausted, has no desire to think, is not inclined to thought, and is indifferent to his surroundings,[5].—On attempting to grasp an idea, it vanishes,[1].—He does not know whether the things which are presented to him are from out of his memory, are real, or whether he is only dreaming of them, from 5 to 7 P.M.,[1].—Thoughts disappear whenever he attempts to think or speaks of any subject, and if any one interrupts him or changes to another subject, he, for the moment, forgets, or cannot at all collect his thoughts,[4].—The thoughts disappear (memory disturbed by fantasies); whenever he reflects upon anything, numerous and confused subjects crowd upon him, so that he cannot collect his thoughts, and forgets entirely of what he was thinking,[4].—**Weakness of memory; a few minutes after reading anything, he can recollect it only dimly, and whenever he thinks of anything, the sense escapes him, and he is scarcely able to recall it after long reflection*,[5].

Head.—Confusion and Vertigo. Confusion of the head, as in coryza,[12].—The head is very confused, in the morning, with constrictive pressure in the vertex (after four days),[3].—Vertigo; he runs against a door in walking,[1].—[**40.**] Vertigo while lying in bed, in the evening, as if everything were turning around,[1].—Vertigo on stooping and suddenly turning the head; everything turned about in a half circle (only once),[1].—Vertigo, as if stupefied, in the house, not in the open air,[1].—Whirling vertigo, especially while sitting, relieved by walking about (after one hour),[2].

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† The first mood is a transient reaction of the organism from one of fear and depression; afterwards, the primary action of the drug is again noticed in the anxiety, after which the reaction of the organism is again seen, and the quiet contented mood remains.—HAHNEMANN.

—Whirling in the forehead and dulness in the head (after five hours),[12].—Dizziness (after eight hours and a half),[5].—***General Head.*** When bending the head forward, it falls forward almost involuntarily, while sitting (after ten hours),[3].—Dulness of the head, as if vertigo would occur, while standing and talking, lasting a long time,[7].—Dulness and heaviness of the head (after half an hour),[7].—The head is constantly dull and the spirits depressed,[10].—[**50.**] Dulness of the head only at intervals; at times the head was quite free and clear,[1].—Heaviness in the head (after seventy-two hours),[5].—Heaviness of the head and weakness of the cervical muscles; he is obliged to lean the head backward, or to one or the other side (after twelve hours),[7].—Heaviness lying upon the ethmoid bone in the head, above the root of the nose, like a compression on both sides,[3].—*Heaviness of the head, relieved by resting it upon the hand* (after one hour),[5].—Pressure in the brain, especially in the occiput, towards the bones of the skull, and a pressure as from too great accumulation of blood, in the evening, before going to bed, continuing after lying down (after thirty-nine hours),[7].—On motion, headache, as if the whole brain would fall out; even during rest, sensation as if the brain were pressed together, separated from the skull and lying loose therein,[1].—Headache alternately stupefying and boring,[1].—Aching, like a tingling, in the whole of the head (after five hours),[12].—Violent headache, as if the brain were torn to pieces, in the morning, immediately after washing, but it afterwards disappeared, with violent spasmodic yawning,[1].—[**60.**] **Headache, as if the brain were compressed (mostly in the forehead), with paroxysms of roaring in the ears, which ceases much sooner than the headache,*[4].—Sticking headache all day (after seventeen days),[1].—Pain in the head, as if everything would come out at the forehead, on stooping (after five hours),[12].—Tearing and pulling from the head down through the cheeks into the teeth (after thirty-six hours),[12].—Tingling and sticking in the whole of the head, worse on stooping and when walking, in the evening, for several hours (after thirty-six hours),[12].—***Forehead.*** **Dulness of the head, anteriorly in the middle of the forehead, in a small spot as large as the tip of the finger*, like a stupefaction; on the street he does not know whether he is going to the right or left; he is obliged to be very careful,[1].—Headache pressing outward and pressing asunder in the left half of the forehead (after half an hour),[6].—**On shaking the head, there is a sensation in a small spot in the middle of the forehead as if there were something heavy like a ball of lead in the brain which would not loosen,*[1].—Dull pinching headache in the forehead, with stitches in the temples, relieved by walking about, but returning on sitting and standing (after four hours),[12].—Drawing pressure in the forehead from time to time,[7].—[**70.**] Pressure above the right eye, behind the brow, as from something hard,[3].—**Pressive stupefying headache, especially in the forehead*, worse on moving the head and on standing up,[11].—Violent tearing pressure through the left half of the brain, especially violent in the forehead, gradually increasing and gradually diminishing (after fifty-four hours),[6].—*Hard pressure in the right side of the forehead,*[8].—Dull, painful, at times sticking, pressure from within outward, at first in the whole of the forehead, afterwards only in the left frontal eminence, which disappears during rest, but returns more violent on motion (after four hours),[7].—Drawing, cutting tearing in the side of the forehead,[11].—Tearing in the forehead, in the evening, while sitting; on stooping, a sticking in it, relieved by walking,[1].—Pressive sticking and drawing pain in the left side of the forehead (after two hours),[11].—**A pressing-boring stitch, lasting for a minute, in the morning, from within out-*

ward, in the left half of the forehead, so violent that it awoke him twice (after twenty-two hours and a half),[6].—Burning stitches on the frontal bone externally,[3].—[**80.**] Sudden stitches in the upper part of the forehead, so that he started up,[3].—***Temples.*** *Hard pressure in the head, in the region of the right temporal bone and on the vertex,*[8].—Pressive pain in the left temple internally and externally, as from pressing hard with the finger (after one hour and a half),[8].—Burning-pressive tearing in the right temple, close to the eye (after seven hours),[6].—Drawing-tearing sticking in the left temple, as if in the bone, pulsative and persistent (after forty hours); on the next day it returned at the same time, now in the left, now in the right temple, then in the left frontal eminence, less violent, continuing for several days,[7]. —Stitches in the left temple,[1].—*Sharp, burning, needlelike stitches in the left temple,*[4].—*Dull stitches in the right temple, internally and externally, as if the bones would be pressed out, aggravated by touch,*[8].—***Vertex and Parietals.*** Headache in the vertex like a constriction from all sides and pressure,[3].—Sharp pressure on the vertex at times,[3].—[**90.**] A boring stitch from within outward in the vertex (after fifty-six hours),[5].—Some large dull stitches extending from the skull into the brain in the vicinity of the crown, together with external soreness in the spot, especially when touched,[1]. —Sensation of soreness in the right parietal bone only when touched; he is unable to lie on the right side in the night on account of the pain (after eighty hours),[4].—Burning-pressive pain in the left parietal bone, just above the ear, extending inward (after two hours and a half),[6].—Burning-sticking pain in the left parietal bone,[8].—***Occiput.*** *Feeling as if the occiput were compressed internally and externally,*[8].—A heavy pressing-asunder pain in the occiput while walking in the open air (after half an hour),[6].—Rheumatic pressive drawing in the occiput, commencing at the articulation, on bending the head forward,[3].—Painful drawing on and beneath the occiput, persistent on every motion of the head (after ten minutes),[8].—Transient burning stitches in the occiput, on the first day extending from the right to the left side, on the following days from below upward,[2].—***External Head.*** [**100.**] The hair of the head falls out profusely,[1].—The hair can be pulled from the head with little effort, without pain (after four hours),[5]. —**An itching scurfy eruption on the scalp and also above and behind the ear,*[1]. —Tearing in the head externally and in the teeth,[1].—*Painful drawing in several places in the head externally, aggravated by touch,*[8].—**Itching on the scalp,*[1].—**Great itching on the scalp, which was scurfy and moist,*[1].—Itching, like needle stitches, on the scalp, and fine papular eruption anteriorly towards the forehead,[3].—**Fine burning needle stitches externally on the vertex,*[3]. —**Itching biting on the scalp, which was aggravated by rubbing, lasting several days,*[7].—[**110.**] *Biting itching over the whole occiput, which obliges scratching, but is rather aggravated than relieved thereby* (after fourteen hours),[7]. —**Biting itching on the upper part of the occiput, with sore pain, recurring in the same place about the same time, in the evening,*[7].

Eye.—Objective. *The eyes lie excessively deep, with blue raised rings around them, as after great excesses, lasting four days,*[12].—The right eye is much larger than usual (more widely opened), (after seventy-eight hours),[3]. —*Inflammation of the white of the eye, with pain,*[1].—At night, dry matter collects upon the lashes and in the outer canthus; in the open air, the matter from the eyes also dries and causes tension,[1].—The eyes close at times, though he is not sleepy,[3].—***Subjective.*** **Dryness of the eyes, lasting all day* (after thirteen hours),[7].—**The eyes are dry, in the morning on waking,* with pressure in them, so that she cannot open them without assistance,[1].

—**The eyes are dry, in the evening, with pressure in them*,[1].—[120.] Burning-pressive sensation about the left eye (after four hours),[6].—Pressure in the eye; she was frequently obliged to wink,[1].—When reading, the eyes soon begin to ache (especially in the afternoon); a biting and burning, and then they discharge some biting drops; he is obliged to avoid the light, because it makes them pain sooner,[1].—The eyes feel as if full of sleep,[1].—Coarse stitches in the eyes on exerting them,[3].—***Orbit.*** Pain in the upper wall of the right orbit, just behind the eye, pressing the eye downward, lasting a long time and frequently recurring (after ten days),[7].—Heavy pressure above the right orbit in the open air (after three hours and a half),[6].—Pressure above the right eye and a drawing upward,[3].—***Lids.*** The inner canthi are agglutinated, in the morning,[1].—Dry matter constantly collects in the inner canthus, which he is frequently obliged to remove, during the day,[1].—[130.] Pain, more biting than itching, in the left inner canthus,[1].—A not disagreeable burning in the right outer canthus, extending rather far back behind the eye towards the ear, and recurring by paroxysms (after one hour and a half),[12].—*A biting-smarting pain in the inner canthi*,[1].†—A constrictive sensation in the upper lid, that forces out tears,[1].—**Pain as if a hard substance were lying beneath the left upper lid* (after thirteen hours),[5].—**Pressure in the upper lid all day, worse on closing the eye*,[1].—Hard pressure in the inner canthus of the right eye,[8].—Tearing pressure in the outer canthus and in the region of the lachrymal gland (after seventy-two hours),[3].—Violent sharp-cutting pain beneath the left upper lid (after seventy-five hours),[5].—A tensive stitch in the outer canthus of the right eye (after three hours and three-quarters),[5].—[140.] **Itching on the margin of the upper lid in the open air*, recurring after two hours in the other eye, relieved by rubbing (after three-quarters of an hour),[10].—***Itching of the margins of the lids** (after two hours),[1].—Violent itching in the inner canthus, most severe in the open air; is obliged to rub it,[1].—***Lachrymation.*** Biting water runs from the eyes, in the morning,[1].—***Ball.*** Pressive pain in the upper part of the right eyeball (after three hours and a half),[6].—Sticking thrusts in the eyeball, as if it would burst (after one hour and a half),[3].—***Pupil.*** Dilatation of the pupils,[1]; (after twenty-six hours),[11]; (first days),[12].—*Pupils greatly dilated for many hours*,[12].—Pupils contracted (after half, and one hour),[11].—The pupils are contracted (after half an hour), after which they are greatly dilated,[12].—***Vision.*** [150.] Dimness of vision, as if the eyes were full of water, with itching and fine sticking in the inner canthus, compelling him to rub them,[1].—The eyes are dim and so hot that the eyeglasses are dim,[1].—Vision dim for near and distant objects (after ten hours),[7].—Illusion of vision; on rising from a seat he seems to himself much larger than natural, and everything beneath him seems too low down (after twenty-six hours),[3].—When reading, it seems as if small black lightnings passed between the letters, and then whole lines vanished,[1].—While looking in the open air, black lightnings passed at times in front of the eyes, like a kind of flickering,[1].—She saw a flame of fire before the eyes when in bed in a dark night,[1].—While looking, a white veil seems to extend over the object and renders it invisible,[1].—A halo is seen about the candlelight, in the evening,[1].

Ear.—External. Pinching burning-pressive pain on the left concha posteriorly (after eight hours),[6].—***Middle.*** [160.] Sensation of coldness streaming into the right meatus auditorius like a cool breath, lasting sev-

† In a man who had never had any trouble with his eyes.—HAHNEMANN.

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Nose.—[170.] Sneezing, with coryza,[1].—*Frequent sneezing, without coryza* (after two, and ten hours),[11].—Sudden violent coryza, with catarrhal voice, lasting a quarter of an hour, at 2 P.M.,[1].—Violent coryza, without cough,[1].—Violent coryza; tickling in the nose and sneezing, with discharge at one time of profuse mild watery liquid, at another of thick mucus, afterwards of thick slimy substances,[12].—Violent fluent coryza; one nostril is stopped, the other is not, with frequent sneezing, lachrymation and cracked lips (after three, and four days),[10].—*Coryza; at first discharge of only thick mucus, afterwards of thin water* (after four days),[8].—(Stoppage of the nose, in the evening, so that she could get no air through it, made talking difficult),[1].—The nose is sore internally, with a scab deep internally,[1].—A sore pain on the cartilage in the septum of the left nostril, as if it would suppurate, when touched,[4].—[180.] Smarting pain in one nostril, as if it were very much ulcerated,[1].—Itching in the left nostril, which disappears on touch (after seventy-eight hours),[5].

Face.—He looks as hollow-eyed and haggard, and as sick and pinched in the face as after a night's watching, or as after a disagreeable mental shock,[12].—Face swollen, as from coryza,[12].—Throbbing and pressive pain in the whole of the face, extending from the teeth into the eye, lasting sixteen days,[1].—Very fine needlelike stitches in the face and other parts of the body,[3].—***Cheek.*** Swelling of the cheek over the lower jaw,[1].—Drawing in both malar bones,[8].—The left cheek is painful us if suppurating, while yawning,[3].—Pressive tearing in the left malar bone, affecting also the teeth (after one hour),[4].—[190.] Cutting drawing in the left malar bone (after twenty-two hours),[4].—Itching (biting) needlelike stitches, provoking scratching, in both cheeks,[4].—*Sharp burning stitches in the left cheek, which provoke scratching,*[4].—Dull stitch in the left malar bone (after twenty-two hours),[5].—A burning stitch in the right cheek-bone (after half an hour),[5].—***Lip.*** A sticking-burning vesicle on the margin of the red of the lower lip, on touch,[13].—Ulcer on the lip, with gnawing-drawing pains (after thirty-seven hours),[8].—An ulcer on the margin of the red of the lower lip, with a shiny look, with dull sticking-drawing pain, at times associated with a not disagreeable itching, which provokes scratching, and is followed by dull sticking (after six hours),[8].—Ulcer on the lip, discharge at first of pus, afterwards of only greenish water (after three days),[8].—A scurfy ulcer in the middle of the upper lip,[1].—[200.] A pimple covered with a scab, in the red of the upper lip, with a burning sensation,[1].—Burning for a minute, almost in the middle of the upper lip, on the outer margin,[12].—Sensation of fine cutting in the lip, as if it were cracked,[3].—Sharp pressive stitches, from within outward, in the upper lip,[4].—***Chin.*** *Induration like a cartilage, as large as a hazelnut, as though the glands were swollen beneath the chin anteriorly by the symphysis, with a hard pressive pain, when swallowing, or when touched, or when rubbed by the neck-band* (after twenty-six hours),[8].—

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Mouth.—Teeth. **The teeth soon become black, she is obliged to clean them twice a day, and still black streaks remain across them,*[1].—**A tooth that had for a long time been a little decayed rapidly became hollow, within eight days,*[3].—[**210.**] **A piece scales off from the posterior surface of an incisor* (after twenty-eight hours),[8].—**Toothache caused by drawing air into the mouth,*[1].—Toothache on eating, the teeth are not firm but wabble about when touched; he cannot chew his food properly, for when chewing or pressing the teeth together, it seems as though the teeth were pressed deeper into the gum; therewith the gum is white (after fifty-six hours),[8].—**Pain in a hollow tooth, always after eating, a biting drawing (but in the incisors a pressure), which is excessively aggravated in the open air, even while the mouth is closed, which gradually ceased in the house, for several days* (after five days),[3].—**The hollow teeth are sensitive to the slightest touch, and if after eating the slightest food remains in the cavities, there is a violent pain, extending into the roots of the teeth, and the gum about the teeth becomes painfully sore,*[8].—**Any cold drink seems to penetrate the teeth as if they were hollow,*[12].—A painful draft in the teeth, from time to time, followed by throbbing in the gum,[1].—The teeth begin to grumble, while chewing,[3].—**A piercing drawing in a tooth itself, that becomes hollow, and in the corresponding one on the other side, in the morning,*[1].—Pressive-drawing toothache in the anterior teeth, as after Mercury, worse at night towards morning,[1].—[**220.**] Violent drawing toothache, with swelling of the cheek, pressive headache in the same side, and heat in the face,[1].—Drawing pain, only in a hollow tooth, in the morning (after seventy-two hours),[3].—Pressive-drawing toothache on the right side, caused by cold water,[3].—**Tearing toothache, immediately after eating and chewing, as also after drinking anything cold*, which disappears within half an hour, but immediately returns on chewing; drink that is not cool or liquid food do not cause pain; the pain is not caused by motion, but if it exists it is aggravated thereby, especially by motion in the open air,[3].—**Tearing, first in the roots of a hollow tooth, then extending forward into the crown, only immediately after eating and chewing, greatly aggravated in the open air; together with a pressure in the upper part of the crown of the painful teeth, extending towards their roots; when touched with the finger the other teeth also begin to pain* (after nine days),[3].—**Tearing in all the roots of the teeth*, with a feeling as if on edge when biting on them (after forty hours),[12].—**Violent tearing in the roots of the teeth*, with drawing in the muscles of the face, now in one, now in the other side,[9].—**Tickling sticking in the back teeth of the right lower jaw* (after a quarter of an hour),[4].—Biting pain in the four lower front teeth, especially at night,[1].—***Gum.*** Swelling of the gum, with heat in the cheek,[1].—[**230.**] The inner surface of the gum is painful and swollen, and is even painful on swallowing,[1].—**The gum bleeds when pressed upon and on cleaning the teeth, for many days,*[1].—The gum becomes eaten away,[1].—The gum becomes pale and white,[1].—A pimple on the gum, not of itself painful, but only when pressed with anything hard (after seventeen days),[1].—A vesicle changing to an ulcer, on the inner side of the gum, full of sticking-drawing pain,[1].—The gum of the upper and lower right teeth is spasmodically and painfully contracted, so that he cannot separate the teeth on account of pain,[9].—The gum is painful

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Face.—He looks as hollow-eyed and haggard, and as sick and pinched in the face as after a night's watching, or as after a disagreeable mental shock,[12].—Face swollen, as from coryza,[12].—Throbbing and pressive pain in the whole of the face, extending from the teeth into the eye, lasting sixteen days,[1].—Very fine needlelike stitches in the face and other parts of the body,[3].—***Cheek.*** Swelling of the cheek over the lower jaw,[1].—Drawing in both malar bones,[8].—The left cheek is painful us if suppurating, while yawning,[3].—Pressive tearing in the left malar bone, affecting also the teeth (after one hour),[4].—[190.] Cutting drawing in the left malar bone (after twenty-two hours),[4].—Itching (biting) needlelike stitches, provoking scratching, in both cheeks,[4].—*Sharp burning stitches in the left cheek, which provoke scratching,*[4].—Dull stitch in the left malar bone (after twenty-two hours),[5].—A burning stitch in the right cheek-bone (after half an hour),[5].—***Lip.*** A sticking-burning vesicle on the margin of the red of the lower lip, on touch,[13].—Ulcer on the lip, with gnawing-drawing pains (after thirty-seven hours),[8].—An ulcer on the margin of the red of the lower lip, with a shiny look, with dull sticking-drawing pain, at times associated with a not disagreeable itching, which provokes scratching, and is followed by dull sticking (after six hours),[8].—Ulcer on the lip, discharge at first of pus, afterwards of only greenish water (after three days),[8].—A scurfy ulcer in the middle of the upper lip,[1].—[200.] A pimple covered with a scab, in the red of the upper lip, with a burning sensation,[1].—Burning for a minute, almost in the middle of the upper lip, on the outer margin,[12].—Sensation of fine cutting in the lip, as if it were cracked,[3].—Sharp pressive stitches, from within outward, in the upper lip,[4].—***Chin.*** *Induration like a cartilage, as large as a hazelnut, as though the glands were swollen beneath the chin anteriorly by the symphysis, with a hard pressive pain, when swallowing, or when touched, or when rubbed by the neck-band* (after twenty-six hours),[8].—

A tensive sensation, as if a pimple would form, on the lower anterior part of the chin, below the margin of the lower jaw,[3].—Pain in the articulation of the jaw, when yawning,[1].—The right articulation of the lower jaw, in front of the ear, is apt to get out of joint when yawning, with sticking pain,[1].

Mouth.—Teeth. **The teeth soon become black, she is obliged to clean them twice a day, and still black streaks remain across them,*[1].—**A tooth that had for a long time been a little decayed rapidly became hollow, within eight days,*[3].—[210.] **A piece scales off from the posterior surface of an incisor* (after twenty-eight hours),[8].—**Toothache caused by drawing air into the mouth,*[1].—Toothache on eating, the teeth are not firm but wabble about when touched; he cannot chew his food properly, for when chewing or pressing the teeth together, it seems as though the teeth were pressed deeper into the gum; therewith the gum is white (after fifty-six hours),[8].—**Pain in a hollow tooth, always after eating, a biting drawing (but in the incisors a pressure), which is excessively aggravated in the open air, even while the mouth is closed, which gradually ceased in the house, for several days* (after five days),[3].—**The hollow teeth are sensitive to the slightest touch, and if after eating the slightest food remains in the cavities, there is a violent pain, extending into the roots of the teeth, and the gum about the teeth becomes painfully sore,*[6].—**Any cold drink seems to penetrate the teeth as if they were hollow,*[12].—A painful draft in the teeth, from time to time, followed by throbbing in the gum,[1].—The teeth begin to grumble, while chewing,[3].—**A piercing drawing in a tooth itself, that becomes hollow, and in the corresponding one on the other side, in the morning,*[1].—Pressive-drawing toothache in the anterior teeth, as after Mercury, worse at night towards morning,[1].—[220.] Violent drawing toothache, with swelling of the cheek, pressive headache in the same side, and heat in the face,[1].—Drawing pain, only in a hollow tooth, in the morning (after seventy-two hours),[3].—Pressive-drawing toothache on the right side, caused by cold water,[3].—**Tearing toothache, immediately after eating and chewing, as also after drinking anything cold,* which disappears within half an hour, but immediately returns on chewing; drink that is not cool or liquid food do not cause pain; the pain is not caused by motion, but if it exists it is aggravated thereby, especially by motion in the open air,[3].—**Tearing, first in the roots of a hollow tooth, then extending forward into the crown, only immediately after eating and chewing, greatly aggravated in the open air; together with a pressure in the upper part of the crown of the painful teeth, extending towards their roots; when touched with the finger the other teeth also begin to pain* (after nine days),[3].—**Tearing in all the roots of the teeth,* with a feeling as if on edge when biting on them (after forty hours),[12].—**Violent tearing in the roots of the teeth,* with drawing in the muscles of the face, now in one, now in the other side,[9].—**Tickling sticking in the back teeth of the right lower jaw* (after a quarter of an hour),[4].—Biting pain in the four lower front teeth, especially at night,[1].—***Gum.*** Swelling of the gum, with heat in the cheek,[1].—[230.] The inner surface of the gum is painful and swollen, and is even painful on swallowing,[1].—**The gum bleeds when pressed upon and on cleaning the teeth, for many days,*[1].—The gum becomes eaten away,[1].—The gum becomes pale and white,[1].—A pimple on the gum, not of itself painful, but only when pressed with anything hard (after seventeen days),[1].—A vesicle changing to an ulcer, on the inner side of the gum, full of sticking-drawing pain,[1].—The gum of the upper and lower right teeth is spasmodically and painfully contracted, so that he cannot separate the teeth on account of pain,[9].—The gum is painful

when touched,[1].—Painful drawing in the gum of the right incisor and canine teeth, and in their roots, which extends into the muscles of the lower jaw (after twenty-six hours),[8].—Painful drawing in the gum of the last back teeth and in their roots,[8].—[240.] **Tearing in the gum and roots of the lower back teeth, while eating* (after seventy-two hours),[8].—***Tongue.* White-coated tongue (after twenty-seven hours),[11]; (after forty-six hours),[12]. —Dryness of the tongue, together with tough mucus in the posterior nares, which stops them,[3].—Sensation of dryness of the tongue; collection of sour water in the mouth, together with hard mucus stopping the choanæ,[3]. —A sore pain on the anterior portion of the tongue,[1].—Stitches in the tip of the tongue, even when not touched,[1].—Sticking pain on the margin of the tongue, when pressed against the palate, as if a splinter were sticking into it, disappearing when eating,[1].—***General Mouth.*** *Constant accumulation of mucus, without a bad taste in the mouth,*[8].—A blister in the mouth,[1].—Raw and scraped, but very moist palate,[12].—[250.] Pressive smarting on the palate posteriorly only, when not swallowing (after four, and five hours),[3].—Burning scratching in the palate, when swallowing and when not,[8].—Stitches in the palate when it is dry, in the evening (after twelve hours),[3].—Stitches in the palate, extending into the brain,[1].— ***Saliva.*** Salivation,[1].—The mouth is constantly full of water, as in great hunger,[12].—Accumulation of water in the mouth after eating, a kind of waterbrash,[3].—Accumulation of saliva in the mouth,[1].—Bloody saliva (immediately),[5].—***Taste.*** A qualmish insipid taste in the mouth, though food has a good taste,[1].—[260.] A disgusting bitter taste to food (after forty-six hours),[12].—Disgusting bitter taste in the mouth,[12].—Watery taste in the mouth, though food has a natural taste,[1].—Bread has a sour taste,[1]. —Food has no taste, though he has an appetite,[1].—Bread has a sourish taste,[3].—Smoking tobacco has a biting taste,[1].

Throat.—Dryness of the throat, especially in the evening before falling asleep; sticking in the throat, on swallowing,[1].—**Throat rough, as if painfully sore, when talking and swallowing,*[1].—(Drinking beer causes a scraping, disagreeable taste in the throat),[1].—[270.] Painful drawing, extending from the hyoid bone deep into the neck beneath the lower jaw, aggravated by touching the side of the neck (after forty-eight hours),[8].— Scraping sensation in the fauces behind the nares, as if one had drawn snuff through,[5].—Swelling of the tonsils and submaxillary glands,[1].— Swelling of the submaxillary gland, which prevents swallowing, for four hours (after three hours),[13].—*The submaxillary glands are painful as if swollen and bruised,*[1].—The submaxillary glands are painful to touch, and also pain by themselves,[1].

Stomach.—Appetite and Thirst. Excessively ravenous hunger, even when the stomach was full of food, and when he ate again the food was relished,[1].—He is attacked with a violent sensation of hunger, with accumulation of water, a few hours after a large nourishing meal,[10].—An apparent sensation of hunger in the stomach, as if it were hanging relaxed, yet without appetite,[1].—Great desire for milk,[1].—[280.] *Thirstlessness; he drinks less than usual,*[8].—***Eructations.*** Eructation several times (after a quarter of an hour),[10].—Eructations tasting of the food,[12].—Eructations of tasteless liquid, after eating,[12].—Tasteless eructations; but neither air nor anything else comes up,[12].—A kind of eructation; a large amount of mucus comes into the mouth from the upper part of the throat (after half an hour),[1].—Scraping eructations that affect the larynx and cause cough (scraping heartburn),[1].—Frequent empty eructations,[12].—***Hiccough.***

Frequent hiccough, associated with nausea and stupefaction of the head (after three-quarters of an hour),[11].—*Frequent hiccough*, while smoking tobacco, as usual,[11].—[290.] Much hiccough, half an hour after supper,[1].—Hiccough, always after eating,[1].—***Heartburn.*** Heartburn, during his usual smoke,[1].—***Nausea and Vomiting.*** Nausea, in the mouth and pharynx, caused by eating, as if he would vomit (after nine hours),[11].—Nausea, even to vomiting, every morning,[1].—Qualmishness,[1].—He is qualmish and unsettled in his stomach, for three days,[1].—Qualmishness, immediately; water collects in the mouth, with short isolated eructations as from an emetic which would not act,[12].—Qualmish sensation, in the morning (after one hour),[3].—***Stomach.*** Fulness in the pit of the stomach, and pressure and sticking in it,[1].—[300.] Pressure in the stomach as from a weight, in the morning in bed after waking, not relieved by any change of position (after six hours),[1].—Pressure like a soreness, above the pit of the stomach, with nausea,[4].—A pinching-pressive pain in the pit of the stomach, which only disappears on sitting and bending the body forward (after one hour),[6].—Tensive pain in the epigastric region (after thirteen hours),[12].—Burrowing pain in the stomach,[1].

Abdomen.—Hypochondria. A constriction in the hypochondriac region, oppressing the chest and impeding respiration, lasting three days (after two days),[10].—A tension transversely through the upper abdomen, in the hypochondria (such as hypochondriacs complain of), causing anxiety and dyspnœa, in the morning in bed while fasting,[1].—***Umbilicus and Sides.*** Cutting in the umbilical region seeming to be external, in three paroxysms, in the evening in bed,[1].—A long-continued dull stitch in the region of the navel, aggravated by expiration and by pressure (after eight hours),[5].—Pinching stitches, sharp and rhythmical, to the left above the navel,[4].—[310.] Rumbling in the left side of the abdomen (after one hour),[7].—Drawing in the sides of the abdomen, extending downward, as if the menses would appear (after four days),[1].—*Hard painful pressure in the right side beneath the umbilicus*,[4].—Pinching stitch in the left side, in the abdominal viscera (after thirty-eight hours),[5].—***General Abdomen.*** Loud rumbling in the abdomen,[1].—Rumbling and colic, for many days,[1].—Rumbling in the abdomen after dinner, sounding like forming and bursting bubbles,[10].—Violent rumbling and gurgling in the abdomen, without pain and without emission of flatus (after one hour and a half),[12].—Great emission of flatus,[5].—*Hot flatus* (after thirty-six hours),[4].—[320.] Emission of indescribably offensive flatus,[12].—*Incarceration of flatus in the abdomen*, the first eight hours,[1].—An excessive amount of offensive flatus, for many days,[10].—*Much flatulence is caused*, and much flatus of a bad odor is passed, for thirty-six hours,[1].—The abdomen feels compressed, causing tightness of breath,[1].—*Griping pain, twisting about, here and there, in the whole abdomen* (after two hours and a half),[6].—Griping transversely across the abdomen, and drawing in the sides, in the abdominal muscles, as if diarrhœa would occur,[3].—Griping in the upper abdomen, in the morning, as if diarrhœa would occur, though he could not go to stool,[3].—Griping in the intestines, with emission of flatus (after thirteen hours),[5].—Transient pressive pain beneath the last ribs, as from incarcerated flatus,[12].—[330.] Pressure, together with heaviness and tension, in the abdomen,[1].—A tensive painful pressure in the abdomen as if he had eaten too much, and then pressed upon the abdomen, with nausea, and accumulation of saliva in the mouth,[1].—Heaving sensation and intimations of diarrhœa, in the abdomen,[3].—Bruised pain in the abdomen (after forty-eight hours),[10].—Drawing pain

transversely through the abdomen,[1].—Drawing pain in the abdomen, as from flatulence,[1].—Cutting colic in the morning before stool,[1].—Spasmodic cutting in the abdomen, with trembling of the knees; during the day, on the slightest motion, especially after urinating; in the evening cutting, even when not moving, which is relieved by bending up,[1].—Cutting in the intestines, especially always after eating and drinking, together with so great nausea that water collects in the mouth, with great weakness; after the pain there is great heat in the face, and the blood rushes to the head, even the veins on the hands swell up,[1].—Cutting in the abdomen, with violent urging to stool, followed by a very thin scanty discharge, with internal chilliness of the head; the evacuation was immediately followed by a kind of tenesmus,[4].—[**340.**] Cutting and digging in the upper and lower abdomen, with desire for stool, followed by a thin stool, though little was passed; after the evacuation, renewed desire and increased colic, though without evacuation in spite of every effort, a kind of tenesmus, which, together with the colic, was only relieved after he had risen from stool,[4].—Tensive stitch in the left abdominal muscles (after thirty-two hours),[5].—Violent drawing burning stitches, seeming to extend from the right abdominal ring, as if in the spermatic cord into right testicle (which, however, was not painful to touch), while sitting, standing, and walking, most violent while stooping (after thirty-three hours),[7].—A persistent stitchlike pain in the abdomen, beneath the right ribs, only when beginning to walk in the open air,[1].—***Hypogastrium and Iliac Region.*** Rumbling in the lower abdomen and drawing in the intestinal canal,[8].—Bruised pain above the hips, in the loins, then extending to the navel, noticed on stooping, but also painful on touch (after eighteen hours),[10].—Painless swollen inguinal glands, which are most noticed when walking and standing, lasting many days (after thirty-six hours),[1].—Dull stitch in the left groin, aggravated by pressure, but disappearing on inspiration and expiration (after eighty-four hours),[5].

Rectum and Anus.—Constant pressive pain in the rectum, while sitting,[5].—A pressing pain deep in the rectum, for three-quarters of an hour after a hard stool,[1].—[**350.**] **A smarting sore pain in the rectum, for a long time after a stool,*[1].—Violent itching in the anus, with pimples,[1].—**Itching in the anus while sitting, when not at stool* (after seven hours),[5].—After an evacuation of stool, another ineffectual urging follows without any stool, in the rectum,[1].—He was frequently obliged to go to stool, without colic; always very scanty and very hard fæces were passed, with pain in the anus as if it would split,[1].

Stool.—Diarrhœa, in the morning, preceded by cutting pain and nausea; the last stool consisted only of mucus,[1].†—Diarrhœa, with colic, the last part slimy (after forty-two and eighty-four hours),[1].—*A thin stool passes unconsciously, with a sensation as if flatus would pass* (after two hours),[1].—Diarrhœa-like stool mixed with flatus (after three hours),[1].—Several usual thin stools, several days in succession,[1].—[**360.**] In the morning, immediately after a hard stool, a very thin, copious, yellow one,[12].—Stool soft (after forty-nine hours),[5].—Stool soft, but difficult to evacuate, on account

† The following four symptoms seem to have been caused by too large a dose, which makes almost every drug act as a purge; for the primary action of this drug seems to be a pressive colic at stool, constipation, and either a very scanty, hard, or more seldom, a thin evacuation, which has also been noticed by other provers. Compare ss. 326, 327, 332, 368, 369, 370.

of constriction in the anus, as from hæmorrhoids,[3].—Difficult stool; first the evacuation of hard fæces followed by softer, with great distress and straining, as if the rectum were constricted, with continued but ineffectual effort, followed by tenesmus,[13].—A natural hard stool passed with flatus intermixed,[1].—Hard scanty stool, with burning-cutting pain in the abdomen (after ten hours),[7].—Hard, scanty, thin stool passed, with pressive pain in the anus (after twenty-six hours),[7].—Stool hard (first day); none (second day); hard again (third day); natural (fourth day),[10].—*Constipation, for several days* (first days),[1].—Stools twelve hours later than usual, and passed in small pieces (after fourteen, and fifteen hours),[7].—[**370.**] The stool was delayed a long time, on account of lack of peristaltic action of the large intestine,[3].

Urinary Organs.—Kidneys and Bladder. *Itching needle-like stitches in the region of the kidneys,*[4].—*Pressure upon the bladder*, on waking from sleep; she was obliged to urinate much, and still after an hour there was a renewed desire to urinate, with pressure,[1].—***Urethra.*** Discharge of prostatic fluid during the evacuation of a hard stool,[1].—Pain, as from a sprain, in the upper part of the urethra behind the pubis, immediately after micturition,[11].—A biting-burning crawling in the orifice of the urethra, when not urinating,[1].—**A burning in the whole of the urethra for several days, with every micturition,*[1].—A burning far back in the urethra, while sitting, only when not urinating,[1].—A kind of burning in the middle of the urethra, when not urinating (after six hours),[10].—Cutting pain during micturition, still worse afterwards,[1].—[**380.**] ***Micturition and Urine.*** Frequent urging to urinate, with much discharge (after six hours),[11].—**Urging to urinate; scarcely a spoonful was passed, mostly of a dark-yellow red color, in a thin stream; at times dribbling of urine, always followed by a sensation as if the bladder were not yet empty, for some dribbling continued,*[4].—On coughing, the urine involuntarily spurted from her,[1].—The first four days the urine was passed every quarter of an hour in a small quantity; on the following days the usual amount was passed, was of a dark color, and always every hour,[4].—He was obliged to urinate frequently, but little was passed; on the second day an increased quantity, but less frequently,[8].—Micturition more frequent and scantier than in health (after seven days),[8].—**More frequent micturition of very scanty, dark-colored urine for three days,*[4].—Frequent evacuation of watery urine at first, after a few days dark-yellow urine,[12].—Micturition frequent, but always scanty; about a cupful of dark urine (after twenty-four hours),[8].—**Micturition copious and very frequent*, for several days (after twenty-four, and forty hours),[1].—[**390.**] Micturition, at night, with erection, at last only dribbling, with burning in the neck of the bladder, with ineffectual desire for stool; relieved by lying bent up,[13].—Urinating less frequently than during the first days, yet more frequently than in health, and more in quantity than during the first day (after three to seven days),[8].—Secretion of very little urine during the first days.[1].†—Urine red, frequent,[1].

Sexual Organs.—Male. A soft moist growth in the fossa, behind the corona glandis, and a similar one on the glans itself, in both of which itching is caused by the rubbing of the shirt,[1].—Moisture on the corona glandis, beneath the prepuce,[1].—Erections, without lascivious thoughts and without emission, the whole night,[11].—Excessive erections all night, with-

† The urinary symptoms are similar to those of the stool, as may also be noticed in the observations of others.—HAHNEMANN.

out emission (after sixteen hours),[11].—Sticking pain in the right side of the glans penis, while standing and walking,[11].—Painless bubbling in the scrotum,[1].—[**400.**] Itching within the scrotum, which is only somewhat relieved by pressure and rubbing between the fingers,[1].—Pressive drawing (tearing) in the right testicle, as if forcibly compressed,[4].—**Pressive pain in the left testicle while walking, as also after rubbing; still more violent when touched* (after eight hours),[5].—The primary action causes great sexual desire; in the secondary effect or reaction of the organism (after five or six days) there follows indifference and total lack of sexual desire, both in the sexual organs and in the emotions,[1].—An emission, at night, without dreams,[3].—An emission during the afternoon sleep, the like of which had not happened for thirty years, in an old man (after twelve hours),[1].—Emission three nights in succession,[1].—Emission five nights in succession, always with lascivious dreams,[1].—***Female.*** **Painful sensitiveness of the female sexual organs; on sitting down it hurts,*[1].—A vesicle posteriorly within the right labia majora, with biting by itself, and a sore pain when touched (after nine days),[1].—[**410.**] A biting in the pudenda, even when not urinating,[1].—Spasmodic pain in the pudenda and vagina,[1].—Fine sticking itching in the vagina,[1].—The menses, that had ceased for a year, reappeared, with cutting colic and violent rumbling, at the time of the new moon,[1].†

Respiratory Organs.—Sharp irritation to cough, in the larynx, but slight cough, immediately after eating (after four days),[3].—Constant inclination to hack on account of tenacious mucus in the larynx, which he cannot loosen by coughing,[4].—***Voice.*** Voice very weak on account of weakness in the vocal organs, though in other respects he is active,[3].—***Cough and Expectoration.*** Cough and coryza, for several weeks,[1].—Cough, caused by tickling irritation, only during the day,[1].—Violent cough after lying down, in the evening, and at noon, with tenacious expectoration,[1].—[**420.**] Cough, with yellow expectoration like husks, worse in the forenoon from 9 to 12, less early in the morning (after five days),[1].—Cough, with expectoration, always of 5 to 8 drops of blood, and always preceded by a scraping sensation in the chest,[1].—Cough, with expectoration of mucus,[1].—Sharp cough and accumulation of water in the mouth always soon after eating; it seems as though this water would violently force through the pharynx and causes a cutting in it (after twenty-six hours),[3].—Sharp cough, which threatens to tear open the larynx, as if caused by costal constriction of the trachea without special previous irritation (after four hours),[3].—Easy expectoration of much mucus by hacking,[10].—***Respiration.*** *Dyspnœa towards the end of coition,*[1].

Chest.—*Tightly adherent mucus lies in the chest* for the first six or eight hours and several mornings; afterwards, and during the day, easy expectoration of mucus from the chest,[1].—The chest feels weak; something lies firmly adherent in the trachea, that compels hawking,[1].—Oppression, like a constriction, in the chest, causing slow and very difficult inspiration; expiration relieves, together with anxiety and uneasiness, worse while sitting, better while walking, lasting five hours (after six hours),[3].—[**430.**] An oppression upon the chest, an uneasy sensation in the afternoon that drives him from place to place, and does not permit him to remain in any place,[1].—Uneasiness in the chest,[1].—A pressure in the chest, and a heaviness in it, while sitting, relieved while walking,[1].—Attempts to eructate cause a pres-

† Since this was only the primary action of the drug, the menses did not return on the following months.—HAHNEMANN.

sure and sticking, extending into the chest,[1].—The chest was painful externally, on touch,[1].—Pain in the pectoral muscles, as if beaten, in the morning on moving in bed, and during the day on crossing the arms; she felt nothing on touching the parts, or on breathing,[1].—A dull sticking-pressive pain in the cartilages of the last ribs on stooping, they are also painfully sore on touch,[1].—Painful stitches in the chest, making expiration difficult,[11].—Sticking cutting in the costal cartilages of the left side; it seems as though one had been cut, associated with stitches,[5].—Dull stitches in both sides of the costal muscles, while sitting, worse on leaning backward, and persistent during inspiration and expiration (after half an hour),[5].—[**440.**] *Sticking itching between the costal cartilages,*[5].—***Front and Sides.*** Constant pain in the middle of the sternum, as from a sore, worse on rising up and stretching out the body; also pain on touch, like a tension and pressure, so that at times it took away the breath,[1].—Pain behind the sternum, as if suppurating, when coughing,[1].—Pinching pressure below the sternum, just to the left of the ensiform cartilage,[4].—Sensation of soreness behind the sternum,[4].—*Fine itching, sharp stitches, which provoke scratching in the upper part of the sternum, just beneath the pit of the throat,*[4].—Pinching pressure beneath the right short ribs (after one hour and a quarter),[6].—Pressure in the left side of the chest, not affected by respiration,[1].—*Sharp stitches, with intermissions for several seconds, and lasting longer than usual, in the region of the fourth costal cartilages of the right and left sides; they slowly penetrate from within outward, without affecting inspiration or expiration* (after fourteen hours),[8].—Violent stitch in the right side of the chest while sitting, on bending the upper part of the body obliquely forward and to the right side,[7].—[**450.**] Sharp stitches, which begin in the most posterior portion of the right ribs and extend in a serpentine course to the cartilages,[6].—A dull stitch in the left side of the chest, recurring after a few minutes,[5].—Tensive stitches in the left side of the chest, while lying and on moving, worse during expiration than inspiration, most felt on ascending steps, and at last followed by a persistent stitch, which almost takes away the breath (after sixteen hours),[5].—A persistent dull boring stitch in the left side of the chest (after thirty-seven hours),[5].

Heart.—He woke from the afternoon nap with most violent palpitation,[1].—A beating palpitation on slight motion,[1].—Palpitation while walking, and when listening to music,[1].

Neck and Back.—Neck. Stiffness of the nape of the neck,[1].—A pressure and tension in the muscles of the nape of the neck and left shoulder (after half an hour),[1].—A tense pain in the left side of the neck and occiput, only at night, which frequently wakes from sleep, and on account of which he can lie upon neither the right nor left side,[11].—[**460.**] Tensive pressure in the side of the neck,[3].—Rheumatic pain, like a drawing, in the nape of the neck and between the scapulæ, in the morning; she was unable to move the arms on rising from bed on account of pain, and could not turn the neck the whole forenoon, several mornings in succession, with weakness of the whole body, lasting till noon,[1].—Rheumatic painfulness, like a drawing pressure and stiffness, in the neck, at its union with the shoulder, on bending the neck forward,[3].—Pressive drawing on the right side of the neck, not affected by motion or touch (after thirty-two hours),[8].—A drawing pressive (rheumatic) pain in the side of the neck, on bending it forward,[3].—A pressing-down sensation in the nape of the neck,[3].—Paralytic drawing in the cervical joints, posteriorly in the spinous process of the first dorsal vertebra,[4].—Fine tearing in the muscles of the neck (after

five minutes),[8].—Pain, as from a sticking with a knife, between the last cervical and first dorsal vertebræ,[3].—Jerklike stitches in the side of the neck, almost behind the ear, in the evening,[12].—[470.] A tensive stitch in the left cervical muscles,[5].—Itching in the nape of the neck,[1].—***Back.*** (Pain, like a beating and jerking, in the back at night, lasting from evening till 5 A.M., so that it took away his breath, with slumbering),[1].—Violent stitches, extending up the back (after seven days),[1].—***Dorsal.*** Burning pressive pain beneath the right scapula, close to the spine, with an acute sensation of heaviness in the right side of the chest (after two hours),[6].—Fine tearing in the head of the left scapula, aggravated by motion,[8].—A drawing pressure in the two first dorsal vertebræ, together with a smarting sensation (after one hour and three-quarters),[3].—Hard pressure in the left side of the dorsal muscles, near the spine (after four days),[8].—***Lumbar.*** A pressure, as if beaten, in the small of the back all night; the pain awoke her when it was worse, about 4 A.M.; on rising up it disappeared,[1]. —**Pain in the small of the back, causing less distress while walking than on rising from a seat, turning the body in bed, and on every motion sideways, lasting several days* (after ten hours),[10].—[480.] A pain in the small of the back, extending downward, worse while stooping than when standing erect, least felt while sitting,[1].—**Pain in the small of the back, as if everything were broken to pieces, in the morning in bed; on rising from bed she could raise nothing from the ground till 8 or 9 o'clock, followed by hunger, afterwards colic and diarrhœa, which was at last slimy,[1].—**In the small of the back stitches and pain, as from a sprain, during rest, ceasing on walking,[1].—***Sacral.*** Drawing stitches, at times jerking, in the sacrum, while sitting,[7].—A violent burning, externally, on the lower portion of the sacrum (after half an hour),[7].

Extremities.—*All the joints are stiff, in the morning on rising from bed, especially the shoulders, *and lumbar and hip joints*,[1].—**All the limbs are affected and everything is sore*, the muscles on touch, the joints on motion, more in the forenoon than in the afternoon,[1].—*The limbs, with the shoulder and *hip-joints*, feel beaten and painful, as after a long walk,[3].—An internal trembling of the limbs if held long in one position, in the morning (after twenty-four hours),[8].—A drawing (?) pain in the joints of the shoulder, elbow, wrist, fingers, back, knees, on moving them, less during rest, especially in the evening,[12].—[490.] Cramp in the fingers, and in various parts of the limbs,[4].—Sharp, deeply-piercing stitches at long intervals, in various parts of the limbs (after a quarter of an hour),[4].

Superior Extremities.—Weakness and heaviness in both arms, as if lead were in them, after a nocturnal emission,[1].—Pressive drawing, here and there, in the upper limbs, aggravated by touch (after seven hours),[8].—A pressive drawing in the right arm, in the evening in bed,[1].—Pain in the bones of the arm, neither during rest nor when touched, but only during motion,[1].—***Shoulder.*** Pressive drawing in the shoulder-joints, in the morning in bed, and immediately after rising; worse on motion (after five days),[8].—Paralytic drawing in the shoulder-joint, at times also in the whole arm, when lying under the head in bed (after ninety hours),[4].—*Pain as from a sprain, in the right shoulder, only on motion*,[8].—*Violent pressive pain in the left shoulder-joint, not relieved by any motion* (after thirty-six hours),[6].—[500.] A pressing downward of the shoulder, as if a weight were lying upon it, while sitting,[3].—A dull pressive pain in the right axilla,[12].—A loose pressure upon the shoulder, which is painful to touch, as though the flesh were loose, while walking,[3].—A drawing

sticking in the left shoulder-joint, especially on moving the arm toward the chest,[7].—A pressive stitch, from below upward, in the right shoulder (after four hours and a half),[5].—*Dull sticking pains in the shoulder-joint, worse on touch and motion,*[8].—*Itching stitches in both axillæ* (after five minutes),[4].—Itching needlelike stitches in the right axilla (after three minutes),[8].—Stitches in the left axilla,[5].—***Arm.*** *Paralytic pressure in both upper and forearms, aggravated by motion and touch* (after five days),[8].—[510.] Pressive drawing in the deltoid muscle,[3].—Hard pressure on the right upper arm, extending inward, aggravated by touch (after two hours),[8].—Paralytic pressive pain in the left upper arm, aggravated by touch (after seventy-two hours),[8].—*Paralytic pressive pain in the left upper arm, aggravated by touch and motion; the arm is weakened* (after thirty-six hours),[8].—Pain in the right humerus, an intolerable pressure in the periosteum, during rest and motion; the place was still more painful when touched (after thirty-six hours),[1].—Tearing pain in the left upper arm, in the deltoid, while sitting, disappearing on motion,[3].—Tearing pain in the muscles of the left upper arm, close to the elbow,[11].—Stitchlike tearing in the muscles of the right upper arm near the elbow,[11].—***Elbow.*** Paralytic weakness about the elbow (after two hours),[3].—A sensation near the bend in the elbow, more towards the forearm, as from an eruption, or as if it were irritated with a needle; a kind of grinding, somewhat burning; though nothing could be seen yet it was especially painful to touch,[12].—***Forearm.*** [520.] A pressive drawing like a pinching, on the outer side of the radius beneath the left elbow,[4].—Pressive drawing in the muscles of the forearm and on the back of the hand,[3].—Drawing-tearing pain in the forearm, especially on moving the arm and hand,[1].—Sticking tearing in the left forearm (after one hour),[10].—Jerking in the left forearm, during rest (after seventy-five hours),[5].—Slow dull stitches, like pressure, in the middle of the forearm,[4].—***Wrist.*** A drawing pressure transversely across the wrist, especially on motion,[3].—Cramplike pain about the right wrist, which disappears on stretching out the fingers, but returns on bending them up, and is then associated with a tearing stitch, which extends through the whole arm to the shoulder (after twenty-four hours and a half),[6].—Sticking tearing in the left wrist (after one hour),[10].—***Hand.*** Drawing pains through the bones on the back of the hand, especially on motion,[3].—[530.] Painful drawing in the phalanges of the right hand (after five hours),[8].—Sharp tingling stitches in the palm of the hand (after one hour),[4].—Tickling itching in the palm of the left hand, provoking scratching,[11].—***Fingers.*** When the fingers are outstretched free they have a convulsive movement up and down,[4].—*Sensation as if a hard skin were drawn over the tips of the fingers of the left hand; there is little feeling in them, and the sensation of touch is suspended,*[8].—*Paralytic drawing pain in the first joints of the fingers at the union of the metacarpal bones, aggravated by motion,*[8].—Painful drawing in the metacarpus of the right index finger,[8].—Hard pressure on the metacarpal bone of the left index finger, aggravated by touch and motion of the fingers (after four minutes),[8].—Intermittent pressive pain in the metacarpal bone of the left thumb, aggravated by touch,[8].—Persistent pressive pain in the metacarpal joint of the right middle finger, extending forward, persistent even during motion (after seventy-seven hours),[5].—[540.] Pressive cramplike pain in the ball of the right little finger, on moving the hand,[11].—*Fine jerking tearing in the muscles of several fingers, especially in their tips,*[8].—*Fine jerking tearing in the muscles of the thumb, especially violent at the tip* (after forty-five hours),[8].—Tearing pain in the muscles of the

ball of the left thumb, which disappears on moving the thumb,[11].—Tensive stitches in the tip of the left thumb (after fifty-two hours),[5].—Pain like needle stitches, in the middle phalanx of the right index finger and in its articulation, persistent during motion (after fifty-four hours),[5].—Crawling in the fingers as if they would go to sleep (after four hours and a half),[7].—*Deep burning-itching, sharp, needlelike stitches in the left thumb, which provokes scratching*,[4].

Inferior Extremities.—Hip. A pressive pain about the hip-joint, while walking and sitting,[1].—**After sitting awhile the nates hurt*,[1].—[**550.**] Boring pain in the left gluteal muscles, while sitting (after twelve hours),[5].—A numb sensation in the left hip, extending to the abdomen, while standing,[1].—*Sticking itching in the gluteal muscles, and in several places of the body*,[8].—Weakness of the thighs and legs, for several days, especially in the knee-joints, was obliged to drag his feet; with sticking tearing in the calves and pains in the small of the back (after ten hours),[10].—*Aching in the thighs, when walking* (worse in the left thigh), which he was almost obliged to drag along (after fifty-one hours),[12].—A weary pain transversely across the thigh, and a feeling as if bruised, while lying; together with a sensation of a great tightness in the joints, with a trembling and uneasiness in them, so that he could not hold them still,[3].—Pain as from a sprain, in the middle of the left thigh, especially when walking (after eight hours),[8].—Tension in the large outer muscles of the thigh, while walking,[3].—Paralytic pain like a drawing, in the middle of the thigh anteriorly, during rest and motion,[4].—Bruised pain in all the muscles of the thigh, for two days, while walking rapidly,[1].—[**560.**] A sore pain on the upper and inner portion of the thigh,[1].—A coarse sticking, almost scraping sensation in the right thigh, internally above the knee-joint (after eight hours),[3].—Fine extremely painful piercing stitches on the inner portion of the left thigh just above the knee (after thirty eight hours),[7].—Dull deeply-piercing stitches in the middle of the left thigh, towards the outer portion,[4].—Sharp burning sticking in the posterior surface of the left thigh,[4].—*Fine itching stitches on the inner side of the thigh, which provoke scratching* (after three hours),[4].—***Knee.*** Great weakness in the knee-joints, in the morning, immediately after rising, which obliges him to sit down, walking and standing are difficult (after twenty-four hours),[8].—On rising from a seat, a sensation in the hollows of the knees as if the legs would give way; a trembling, very irritable drawing up in the hollows of the knees,[3].—A pain in the right knee, lasting a minute (as from a sprain?), while walking and on moving the feet,[12].—Jerking above the right patella (after nine hours),[7].—[**570.**] A sensation of drawing up in the hollows of the kness comes on as soon as he lies down, a kind of excessively irritable and voluptuous uneasiness in them, so that he cannot remain lying but is obliged to rise,[2].—In the right knee-joint and in the heads of the muscles of the calves, paralytic drawing like a weakness, while walking, which continues after walking and even for a long time while sitting, before it gradually and entirely disappears,[4].—A drawing tearing beneath the left patella, not disappearing on motion (after fifty-four hours),[6].—Drawing stitches in the left knee-joint, while sitting; at times jerking in it.[7].—*Drawing stitches in the right knee-joint, aggravated by motion*,[8].—Stitchlike pain on the inner margin of the knee,[11].—A pressive sticking pain on the outer side of the knee, while stepping and when touched,[1].—*Dull stitches in the knee-joint near the patella; on touch the stitches change to pressive pain*,[8].—*Dull stitches in the right knee-joint, immediately after rising in the morning, aggravated by motion*

(after five days),[8].—*Burning stitches on the outer side beneath the left knee, at intervals*,[4].—***Leg.*** [580.] *Tearing pain in the muscles of one or the other leg, while standing and sitting* (after a few minutes),[11].—A pressive drawing on the tibia, while sitting (after six hours),[3].—*Boring stitch in the right tibia during rest* (after half an hour, and thirty-five hours),[5].—Heaviness and tension in the calves,[1].—Cramp, especially in the upper and lower portions of the calves on waking from sleep, relieved neither by stretching up nor by bending up the leg; after the pain had diminished it was again aggravated, and became very acute on thinking of it (after six hours),[1].—An intolerable cramp in the calf and sole of the foot of the leg upon which he was lying woke him from the afternoon nap (after twenty-four hours),[1].—She could not fall asleep, in bed in the evening, on account of pain in the calves; she did not know where she should put her limbs, she was constantly obliged to move them from place to place in order to have some relief; the same sensation in the calves even when she rose in the night, and again on lying down in bed (after thirty-seven hours),[12].—Paralytic pressure in the muscles of the right calf, towards the outer part, aggravated by touch,[8].—*Sticking tearing in and beneath the right calf and above the left heel* (after one, and ten hours),[10].—An itching stitch in the right calf, persistent while standing and walking, disappearing on scratching (after seventy-eight hours),[5].—***Ankle.*** [590.] A drawing pressure transversely across the ankle, especially during motion,[3]—*Sticking itching just above the right outer malleolus; it provokes scratching, but leaves no special sensation*,[8].—Burning itching on the right inner malleolus (after four days),[8].—***Foot.*** Painless swelling of the backs of both feet, lasting a long time (after thirteen days),[1].—Pressive tearing in the left metatarsal bones close to the ankle (after five hours and a half),[6].—Constrictive sensation of heaviness in the left metatarsal bones close to the ankle (after three hours and a half),[6].—Pressive pain on the inner side of the sole of the left foot during rest (after twenty-nine hours),[5].—Crawling and prickling in the sole of the foot which rests over the other while sitting, as if asleep (after seventeen hours),[7].—***Toe.*** Swelling of the metatarsal bone of the right little toe, which was painful to touch,[1].—Pressive burning in the tip of the right great toe during rest (after four hours and a half),[5].—[600.] Sticking itching in the right great toe,[8].

Generalities.—He becomes pale, dizzy, and falls to the side as in a faint, in the forenoon, after rising from a seat; a similar attack occurs about the same time the following day,[1].—The whole body starts up, frequently for several nights, both the arms and legs, as if some one suddenly tickled them, a kind of spasmodic jerking, though painless; he was very hot though lightly covered, but without thirst and without sweat,[1].—**Weakness of the whole body, especially of the knees, when walking*,[5].—**Weariness and weakness of the body, in the morning* (after four hours and a half),[7].—**In the morning in bed she is very weary without sleepiness*, **all the limbs are sore as if bruised, and as if there were no strength in them, for an hour**,[1].—Great weariness and inclination to sleep, in the afternoon while sitting (after three days),[7].—Great weariness, in the morning on waking, which, however, soon disappears,[1].—**Great weariness and sleepiness, after eating, feels the need of lying down*, soon falls asleep, wakes confused and heavy in the limbs, and dreads to walk; on continuing to walk, which is very irksome, especially on ascending a hill, he feels more active and lively, indeed is more vigorous after a long ramble,[12].—**Painfulness of the whole body as if bruised, with an excessively weak sensation*, worse on motion, re-

newed and aggravated by walking after sitting (after forty hours),[12].—[610.] **Pain in all the bones*,[1].—* *General bruised sensation when walking*, better when sitting and lying down; especially in the calves; *an excessively weary pain as if beaten; she could scarcely drag along the feet*,[12].—Paralytic drawing in various parts of the body, especially in the joints, if the limbs are kept long in an unusual or uncomfortable position,[4].—**Drawing-tearing pa n, here and there, in the muscles of the whole body, while sitting* (after eight and a half, and thirty-four hours),[7].—*Sharp itching stitches in various parts of the body*,[4].

Skin.—Objective. Papular eruption on the face, forehead, cheeks, and about the mouth and wrist, which caused a drawing itching, ceasing only for a short time on scratching and then returning as a sticking,[3].—Fine papular eruption on the face, forehead, cheeks, and near the corners of the mouth, which caused a sticking itching, and when touched a pain as if suppurating (after nine hours),[3].—Eruption of small (itching?) isolated pimples on the face,[1].—Pimples about the inflamed eye,[1].—A large but painless pimple surrounded by a white tip in the fossa behind the lobule of the ear,[1].—[620.] **Itching pimples on the nape of the neck*,[1].—Some pimples on the neck,[1].—Rash on the chest; on becoming warm it was red and itching,[1].—A tetterlike eruption on the lower ribs consisting of small, thick, red pimples, with burning-itching fine sticking, as from nettles; after rubbing the spot was painful; together with creeping chill over the part and over the upper abdomen,[1].—**Eruption of pimples as large as peas over the whole abdomen and thighs, which itch, and when scratched off are moist, but then have a burning pain*,[1].—Papular eruption on the elbow and towards the hand,[1].—On the forearm a red elevation, in the middle of which is a pustule, with burning pain during rest, still more painful, like a boil, when touched,[1].—* *On the hands a tetter, which itches, in the evening*, **and burns after scratching**,[1].—Tetter on the thighs and legs,[1].—A kind of gooseflesh, without chilliness, in both thighs and legs, especially numerous red and white pimples on them, with whitish pus at the tips, without the slightest sensation (after ten days),[7].—[630.] Pimples with burning-itching pain on the leg,[1].—The skin of an ulcerated leg becomes covered with a thin crust, from which yellow water exudes, with jerking and pricking pains,[1].—Itching on the leg, in the evening in bed; after rubbing flat ulcers appear with violent pain,[1].—***Subjective.*** Tearing jerking in an ulcer,[1].—Tearing and jerking about the ulcers during rest, in the morning and evening, which cease when walking,[1].—The papular eruption on the face sometimes causes a tensive sore pain; when touched it is as painful as if suppurating,[3].—Burning sensation, here and there, though always only in the limbs, never in other parts of the body,[6].—Violent burning pain in the ulcers, in the evening for an hour after lying down, so that he could not fall asleep,[1].—Burning-itching biting on the nates, as if rough woollen were drawn over the skin, in the evening in bed; disappearing on scratching and returning in another place,[13].—Crawling on the inner surfaces of the toes, which does not provoke scratching, it seems as if they had been asleep,[4].—[640.] Crawling on the thighs and legs (that had been swollen, hard, elastic, for many years), with a sensation as if the parts were internally hot, would burst, and were very heavy,[1].—Biting as from salt in an ulcer,[1].—Sticking burning, here and there, in the skin,[7].—Stitches like fleabites on the hands, nape of the neck, head, lower limbs, etc. (after one hour and a half),[10].—Burning itching in the little toes, as if they had been frozen, in the evening; they are painful on touch, and the painful spots are red, for four

days (after twelve hours),[10].—The tetter itches only at night,[1].—Itching over the head and whole body, especially in the morning; a creeping itching and crawling as from the creeping of an insect, which goes from place to place,[1].—Salty biting itching in an ulcer,[1].—Itching on the cheeks,[1].—Voluptuous itching about the scrotum, that constantly increases on rubbing until it becomes a superficial sore pain, while this disappears the itching still continues, and at last causes an emission (after five, six, and eight days),[1].†—[650.] Itching on the right tibia above the outer malleolus, which does not disappear on rubbing (after two hours and a half),[5].—Itching on the tendo Achillis above the heel,[3].—A painful burning itching on the inner side of the two toes, just as if they had been frozen (after four hours),[1].—Itching burning in the right little toe, as if it had been frozen, in the evening; it is painful even on slight pressure,[7].

Sleep.—Sleepiness. *Violent yawning that forces tears from the eyes* (after a quarter, and half an hour),[10].—*Frequent yawning as though he had not slept enough* (after two hours),[11].—*Great inclination to yawn and stretch;* she cannot stretch enough,[1].—*Sleepiness in the afternoon, the eyes close,*[8].—Great sleepiness in the afternoon, from 2 to 4,[1].—Sleepiness during the day; wherever he sat down he fell asleep,[1].—[660.] In the evening he cannot reach the bed before he falls asleep, and he also falls asleep as soon as he gets into bed,[5].—***Sleeplessness.*** He did not sleep the whole night, yet the eyes closed,[1].—He cannot fall asleep before midnight on account of wakefulness; scarcely had he fallen asleep when he had vivid dreams of strife and quarrels,[11].—She was unable to fall asleep before 11 P.M., and then woke about 4 A.M., several nights,[1].—Night restless; every hour he was half awake, and if he got into a slumber did not sleep soundly nor really awaken,[1].—At night the child is very restless and calls its mother every moment,[1].—Restlessless, for several nights, he could lie on neither side; before midnight he was full of various thoughts,[13].—Uneasy sleep and tossing about,[5].—He fell asleep, but was awakened immediately by a dream, in which he struggled with an animal, so that he started up greatly frightened (after thirty hours),[8].—He wakes towards morning as though he had slept enough, but falls asleep again immediately (after forty-six hours),[11].—[670.] He wakes at 2 A.M., and so from hour to hour, without cause,[1].—In the morning wide awake, afterwards sleepy, with chilly shivering in the back,[3].—***Dreams.*** Vivid disagreeable dreams, towards morning,[10].—Vivid unremembered dreams, at night,[11].—Very vivid connected dreams,[1].—Restless dreams, busy now with one, now with another subject, at one time he started up and woke, but could not perfectly collect himself,[8].—Anxious restless dreams,[5].—Dreams full of bitterness,[11].—Dreams of murder,[1]; (second night),[7].—He dreamed as soon as he feel asleep; at one time he was fighting with some one, at another time he had anxious visions, when he woke, and then dreamed again,[4].—[680.] He dreamed of the business of the day, immediately on falling asleep,[1].—Amorous dream, at night, with two emissions,[11].—*Amorous dreams, with emissions,*[5].—Voluptuous dreams, without emission,[3].

Fever.—Chilliness. Chilliness, without subsequent heat, in the morning in bed,[1].—Chilliness, followed by heat, in the morning in bed; she did not wish to rise, in the morning,[1].—*He woke frequently at night with chilliness, could not fully collect his senses,*[8].—The whole body is shaken by a chill, with warm forehead, hot cheeks, cold hands, without subsequent heat

† Relieved by smelling Ambra.—HAHNEMANN.

and without thirst (after one hour and a half),[11].—Shaking chill, in the evening before falling asleep, so violent that it shook him in the bed and he was unable to get warm (after twenty hours),[11].—Crouching up with shivering, with sleepiness and dryness of the mouth (after three hours),[3].—[690.] *Shivering over the whole body, without thirst, and without immediate subsequent heat* (after thirty hours),[8].—Shivering and sensation of chilliness while eating, without thirst, two hours before the heat,[8].—Internal shivering, with great thirst, without subsequent heat, about 3 P.M., for several days,[1].—Shivering the whole night, without thirst and without subsequent heat,[1].—Shivering, with gooseflesh, about 3 P.M., for several days, which ceased in the open air, and was without thirst,[1].—Evening fever, consisting of coldness,[1].—Chilliness in the back, even by a hot stove (after a quarter of an hour),[7].—Transient shivering chill running down the back, after eating,[12].—He could not get warm in the back and arms, though they were close to the stove; with frequent shivering over the back and arms, towards the nape of the neck over the head and face, in the morning after rising,[12].—Cold feet, only in the evening in bed,[13].—***Heat.*** [700.] Sensation of great heat, as if externally she were burning hot, with thirst (great orgasm of blood), without previous chill,[1].—Slight heat after the shivering,[1].—Some heat and some headache, in the open air towards evening,[1].—Heat about the head, with sweat on the forehead, in the morning in bed,[1].—At night, heat, especially about the forehead, so that she was unable to sleep after 3 o'clock, followed by shaking chill about 9 A.M.,[1].—Sensation of heat, and heat in the face, without thirst, an hour after the chill,[8].—Sensation of warmth on the forehead, as from a constant warm breath against it, at times also a cold breath, with redness of the cheeks and external warmth of the body (after four days),[12].—A not disagreeable sensation of warmth over the back, three hours after eating,[12].—Heat creeps over the lower portion of the back paroxysmally with otherwise only warm body, without subsequent sweat,[12].—At night, sensation of great heat in the hands and feet, she was obliged to keep them uncovered,[1].—[710.] Sensation of heat rather than heat in the right hand, which was also redder than the other hand, with violent tearing in the middle joints of its four fingers,[7].—***Sweat.*** On waking at night, he is covered with warm perspiration, without thirst, on the abdomen, feet, and genitals, although moderately covered; but on uncovering he becomes so cold that the perspiration disappears, and he thinks he has taken cold (after seventy-two hours),[4].—Extraordinary perspiration, in the afternoon, with heat over the whole body, without thirst, although he sits very quietly,[3].—Profuse nightsweat (after ten days),[1].—Perspiration after midnight, for several nights,[1].—Nightsweat of a bad odor (after eight days),[1].—**Sweat of the odor of bad eggs*, towards midnight (after four, and six days),[1].—Inclined to sweat.[1].

Conditions.—**Aggravation.**—(*Morning*), Peevish; confusion of head; on waking, headache; dryness of eyes; canthi agglutinated; nausea; in bed, tension through upper abdomen; mucus in chest; in bed, pain in pectoral muscles; pain in nape of neck; pain in small of back; stiffness of joints; weakness of knee-joints; on waking, weariness; tearing and jerking about ulcers; chilliness.—(*Forenoon*), 9 to 12, cough and expectoration.—(*Afternoon*), Sleepiness; 3 P.M. internal shivering.—(*Evening*), In bed, vertigo; pressure in brain; dryness of eyes; on falling asleep, sticking in throat; in bed, cutting in umbilical region; stitch on side of neck; drawing in joints of extremities; tearing and jerking about ulcers; cold feet.—(*Night*), Towards morning, toothache in anterior teeth; pain

in four lower front teeth; emission; 4 A.M., pressure in small of back; itching of tetter; sweat.—(*Open air*), Pressure above right orbit; itching in canthus; pain in hollow tooth; tearing in roots of hollow teeth.—(*Bending forward*), Pain in neck.—(*Chewing*), Toothache.—(*Closing eyes*), Pressure in upper lid.—(*Coughing*), Pain behind sternum.—(*Eating*), Tearing in gum and lower back teeth.—(*After eating*), Eructations of tasteless liquid; hiccough; cough and accumulation of water in mouth.—(*After eating and drinking*), Cutting in intestines.—(*Expiration*), Stitch in region of navel; stitch in left side of chest.—(*In the house*), Vertigo.—(*Leaning backward*), Pain in costal cartilages.—(*Lying down*), Pain across thigh; drawings in hollows of knees.—(*After micturition*), Cutting pain.—(*Motion*), Headache; pressure in forehead; cutting in abdomen; palpitation; tearing in head of left scapula; pain in bones of arms; drawing in shoulder-joints; pain in right shoulder; pressure in upper and forearm; pressure across wrist; pain through back of hand; pain in fingers; pressure on metacarpal bone of left index finger; stitch in knee-joint; pressure across ankle.—(*Motion in open air*), Toothache.—(*Motion sideways*), Pain in small of back.—(*Moving head*), Headache in forehead; drawing in occiput.—(*Music*), Palpitation.—(*Pressure*), Stitch in region of navel; stitch in left groin.—(*During rest*), Stitches in small of back.—(*Rubbing*), Biting on scalp.—(*Sitting*), Vertigo; pain in rectum; stitches in sacrum; stitches in side of chest; pressing downward in shoulder; pain in left upper arm; pain about hip joint; tension in muscles of thighs.—(*Smoking*), Heartburn.—(*Standing*), Headache in forehead; dulness of head.—(*Stepping*), Pain in knee.—(*Stooping*), Vertigo; pain in head; sticking in head; sticking in forehead; stitch in right abdominal ring; pain in loins; oppression of chest; pain in cartilages of chest; pain in small of back.—(*Stretching out body*), Pain in sternum.—(*Stretching out finger*), Pain about right wrist.—(*Touch*), Stitches in temples; drawing in head; drawing from hyoid bone into neck; drawing in upper limbs; pain in shoulder; pressure in upper and forearm; pressure on metatarsal bone of left index finger; pressure on muscles of right calf.—(*Walking*), Tingling and sticking in head; palpitation; pressure on shoulder; pain about hip-joint; pain in thigh; weakness of thighs; pain in right knee; drawing in knee-joint; weakness of body; general bruised sensation.—(*Walking in open air*), Pressing asunder pain in occiput; stitchlike pain in abdomen.

Amelioration.—(*Eating*), Sticking in margin of tongue.—(*Inspiration and expiration*), Stitch in left groin.—(*Lying bent up*), Desire for stool.—(*Motion*), Pain in left upper arm.—(*Rest*), Ringing in ear.—(*Resting head on hand*), Heaviness of head.—(*Walking*), Vertigo; headache in forehead; oppression in chest.

STICTA PULMONARIA.

Sticta pulmonaria, L.

Natural order, Lichenes.

Common name, Lungwort lichen.

Preparation, Tincture.

Authorities. **1**, S. P. Burdick, M.D., North Am. Journ. of Hom., vol. xii, p. 202, took 10 drops of the strong tincture at 7 A.M. (first and second days), 20 drops at 7 A.M. (third day); **2**, same, administered $\frac{1}{10}$th to a very susceptible patient; **3**, C. H. Lutes, M.D., Hale's New Remedies, p. 992, took increasing doses of 5 to 6 drops 2d dec. dil. for four days without results, then 1st dec. in like manner without results, then 5 drops of mother

tincture at 8 A.M., 10 drops at 12.30 and 6 P.M. (first day), 15 drops at 10 A.M. and 12.30 P.M. (second day), 30 drops at 7 A.M., 40 drops at 9 A.M., 60 drops at 2 P.M. (third day); **4**, S. Lilienthal, M.D., Am. Journ. of Hom. Mat. Med., vol. ii, p. 234, a lively girl, aged twelve years, had a light attack of influenza and was sleepless, took a few pellets.

Mind.—She got very lively, told her father she felt as if she would like to strike out, only for fun; she would like it just for the fun of it. After awhile she lay down on the lounge, and began, to use a common expression, to kick up her heels; her mother reproaching, said, "Bella, do behave, that is not ladylike;" when the child responded: "Ma, I cannot help it; I feel exactly as if I wanted to fly away,"[4].—Mind inactive, cannot collect my thoughts (second day); mind inactive, cannot concentrate the mind (third day),[3].—Inability to concentrate the mind upon any one subject; a general confusion of ideas, increasing in intensity all day (after one hour, third day),[1].

Head.—**Dull sensation in the head, with sharp, darting pains through the vertex, side of the face, and lower jaw, continuing for two or three hours* (after one hour, first and second days),[1]. —**Experienced the previous dull sensation in the head,* **with dull heavy pressure in the forehead and roots of the nose, increasing in intensity during the day** (after one hour, third day),[1].—12 M., slight headache in the frontal region; dull, heavy, intermitting; 2 P.M., headache increased, worse in the right supraorbital region; 3 P.M., headache worse; 4 P.M., increased, more acute, seems to extend through the brain, worse in the right side of the head (second day). In ten minutes (7.10 A.M.), pain in right temple, deep, shooting, intermitting; 8 A.M., pain worse, extends through the frontal and right parietal region, seems to extend deep into the brain; 11 A.M., headache increased, worse in the right supraorbital region, pain dull, heavy, and intermitting; 5 P.M., headache almost intolerable, seems to extend through the brain (third day),[3].—Darting pains in the temporal region, increasing in intensity during the entire day (after one hour, third day),[1].—Sensation as if the scalp were too small, or were drawn too tight (third day),[3].

Eye.—Eyes feel heavy (third day),[3].—[**10.**] **Burning in the eyelids, with soreness of the ball, on closing the lids or turning the eye, increasing in intensity during the entire day* (after one hour, third day),[1].

Nose.—***There was a feeling of fulness at the root of the nose,* *continuing for two or three hours* (after one hour, first and second days),[1].

Stomach.—Dull oppressive pain in the cardiac region, for three to four hours (second day),[1].

Abdomen.—Dull pain in the right hypochondrium, for three to four hours (second day),[1].—Feeling of fulness in the left hypochondriac region, lasting for two or three hours (after one hour, first and second days),[1].

Chest.—**Slight oppression of the lungs*, for three to four hours (second day),[1].

Extremities.—Sharp darting pains in the arms, legs, and shoulders, commencing first in the muscles of the arms, then in the finger-joints and shoulders, next in the thighs, knee-joints, and toes; continued for two or three hours (after one hour, first and second days),[1].—Lancinating pain in the second joint of the middle finger, increasing in intensity all day (after one hour, third day),[1].—Her left leg felt as though it was floating in the air, feeling light and airy, without any sensation of resting upon the bed; this continued for some time, and gradually passed off,[2].—General feeling of dulness of two or three hours' duration (after three or four hours, first and second days),[1].—[**20.**] Very soon after taking it she said, "Doctor, I

feel that medicine all over me,"[2].—*General feeling of weariness* (second day),[3].—Burning biting-sticking pains all over the body, increasing in intensity during the entire day (after one hour, third day),[1].

STILLINGIA SYLVATICA.

Stillingia sylvatica, Linn.

Natural order, Euphorbiaceæ.

Preparation, Tincture of the root.

Authorities. **1**, H. R. Frost, M.D., South. Journ. of Med. and Pharm., vol. i, p. 617, sensible properties; **1** *a*, same, a transverse slice of the recent root, about the size of a sixpence, was chewed. (2 to 5 from E. M. Hale, Trans. Amer. Institute, 1869, first published in Hale's New Remedies, 2d edition.) **2**, Dr. A. B. Nichols, æt. 25 years, good health, except a chronic, inveterate skin disease, a species of eczema, took 10 drops of mother tincture at 8.30 P.M. (first day), same 10 A.M. and 9 P.M. (second day), same at 9 A.M. and 2 P.M. and 11 P.M. (third day), same at 9 A.M. and 2 P.M. (fourth day), same at 9 A.M. (fifth day); **2** *a*, same, took 10 drops of mother tincture at 10 A.M. and 11 P.M. (first day), obliged to discontinue use of the drug on account of pain (second day); **3**, Dr. Thomas Eckles, commenced with 10 drops, repeated it three times each day, and at each repetition enlarged the dose, till at last he reached a maximum of a tablespoonful; **3** *a*, same, two months later, took 10 drops at 6 A.M., noon, 3 P.M., and 15 drops at 6 and 10 P.M. (first day); 15 drops at 6 and 11 A.M., 1, 3, and 6 P.M., 20 drops at 10 P.M. (second day); 20 drops at 6 and 9 A.M., noon, 3 and 6 P.M., and on going to bed (third day); same at 6 A.M., noon, 3 and 6 P.M., and on retiring (fourth day); same at 6 A.M., noon, 6 and 10 P.M. (fifth day); same at 6 A.M., noon, and on retiring (sixth day); 25 drops at 6 A.M. (seventh day); 100 drops (eighth day); while this proving was going on, he was employed in proving the 1st dilution, but succeeded in getting no symptoms which he was satisfied were not purely imaginary; **3** *b*, same, two years later, took 10 drops of tincture, as prepared by C. S. Halsey, one part, by weight, of root to ten of dilute alcohol, at 4 30 P.M. (first day); 10 drops after breakfast and half a tablespoonful before dinner (second day); half a tablespoonful after breakfast, before dinner, and before going to bed (third day); same after breakfast and dinner (fourth day); after breakfast, dinner, and on going to bed (fifth day); a tablespoonful (sixth day); **3** *c*, same, four days after close of last proving, took 5 drops on going to bed (first night); 8 before breakfast, 10 before dinner, supper, and before going to bed (second day); 10 before breakfast, dinner, and at 3 P.M., 15 after supper and before retiring (third day); continued to take the drug, increasing the dose to 100 drops; **4**, J. M. Cunningham, took 15 drops of the tincture twice each day, about 9 A.M. and 9.30 P.M.; **5**, E. H. Ingraham, æt. 25 years, has general good health, but is often troubled with gastric derangements, took 10 drops of mother tincture three times a day, from Feb. 1st to Feb. 8th, then began to take 100 drops daily; **6**, Dr. Preston, Trans. of Penn. Soc., R. E. C., took 5 drops of tincture in half an ounce of water at 10 A.M. (first day), same in the forenoon and 5 drops of 3d in the evening (third day); **7**, Mr. P., took 5 drops of tincture in half an ounce of water at 10 A.M. (first day), same in the morning and 10 drops of 3d at 8.30 P.M. (third day); **8**, W. O. G., took 5 drops of 3d dil. at 8.30 (first day), same at 10 A.M. (second day), 10 at 4

P.M. (third day); **9**, F. F. Taber, M.D., Ohio Med. and Surg. Reporter, vol. ix, at 10 P.M. he chewed a piece of the fresh bark; **10**, Mrs. S., chewed a piece of the fresh root at 8 A.M; **11**, same, Zanthus Lype, æt. 40 years, took 40 drops at 2.20 and 4.30 P.M. (first day), same at 11 A.M. and 3 P.M. (fourth day), same at 10 A.M., 50 at 2.30 and 4.40 P.M. (sixth day), 60 at 7.50 and 10.30 A.M. (seventh day), 70 at 10 A.M. and 4 P.M. (eighth day), 90 at 8 A.M. and 4 P.M. (ninth day), 100 at 10 A.M. (tenth day), 110 at 3 P.M. (eleventh day).

Mind.—**Depression of spirits* (eleventh day), and **gloomy forebodings** (twelfth day); low spirits (fourteenth day),[5].—Intellect dull and stupid (ninth and tenth days),[5].

Head.—Dizziness (first day),[2].—*Throbbing* and dizziness of the head (after second dose, third day),[2].—Dull pain in the head (after fourteen hours and a half),[2].—Pains in the head (third day),[2].—Headache (after second dose, fourth day),[2].—Slight headache (after four hours),[2a].—***Forehead.*** Dull heavy pain in the frontal portion of the head (after twenty minutes),[2].—[**10.**] A feeling as if a heavy substance was pressing on the brain, the front part; the pain became very sharp and darting, in fact, almost unendurable (first day),[2].—Violent frontal headache (one hour after second dose, third day),[2].—Slight frontal headache (sixth day),[5].—Headache, in the evening; a constant flowing pain, like a current, running from the median line of the forehead to the occipital process and left cerebellum; this symptom was noticed several days since (eighth, ninth, and tenth days),[5].—Severe sharp shooting in right side of frontal bone, running downward to the eye (after six hours, third day),[3].—Sharp darting pain in the sinciput, extending to the occiput (sixth day),[11].—***Temples.*** Slight headache, running from anterior portion of temples; the pain is dull and constant (fourth day),[5].—A slight, constant, dull headache through the temples (eleventh day),[5].—Slight, constant, dull pain through the temples and forehead (twelfth day),[5].—Headache, dull and constant, with pressing through the temples (thirteenth day); headache through the temples continues to trouble at intervals (fifteenth to eighteenth day),[5].—[**20.**] Darting pain in the left temporal region, as if a piece of wire or some sharp-pointed instrument had been thrust into the temples (fourth and fifth days),[11].—***Vertex.*** Slight, but persistent headache; pains mostly at the top and at the front of the head,[3].—***Parietals.*** Dull pain in the right side of the head,[3].—***Occiput.*** Sharp darting pain in the right occipital protuberance (eighth day),[11].

Eye.—Eyes inflamed and watery (third day),[2].—Sharp darting pain over the left eye, with slight lachrymation from both eyes, more profuse when reading; right eye affected more than left (eighth day),[11].

Nose.—Small abscesses in the side of the right nostril (sixth day),[5].—Catarrhal discharge from the nose, at first watery, then mucopurulent; nostrils sore on inner surface (fifth day); some catarrh (sixth day),[5].—Return of nasal catarrh, the discharge being more watery and containing less of mucus than before (eleventh day),[5].—Woke at 6 A.M., feeling a sharp burning sensation in the right nostril (ninth day),[11].

Face.—[**30.**] Pain under malar bone, extending transversely through the face (twelfth day),[5].—Stinging-darting pains in the face (one hour after second dose, third day),[2].

Mouth.—Teeth. Spells of neuralgic toothache (eleventh day),[5].—***Tongue.*** Tongue coated heavily, yellowish-white (eleventh day); coated white (twelfth and fourteenth days),[5].—Tongue slightly coated; color,

white,[3].—Tongue slightly furred (fourth day),[3a].—Tongue slightly coated (after four days),[3c].—Tongue feels rough and sore (after second dose),[11].—***General Mouth.*** Considerable heat in mouth and fauces, extending down the œsophagus, with burning in the stomach,[1a].—Rough, dry feeling in the mouth (seventh day),[11].—***Taste.*** [40.] Salty taste in the mouth (after second dose),[11].—Bitter taste in the mouth, in the morning (third morning),[2].—The taste of this root is pungent, and leaves on the root of the tongue and fauces an impression biting and irritating, exciting a flow of saliva,[1].—***Saliva.*** Increased flow of saliva,[1a].

Throat.—A severe choking sensation resembling globus hystericus; it was impossible to dislodge it until I had recourse to Nux vom. and Chelidonium maj. (second day),[9].—Sensation as if there were a ball or lump in my throat, so that I could not get to sleep until after 1 A.M. (eighth night),[11].—Tickling in the throat and short hacking cough (fifth day); cough continues, at times quite severe (sixth day),[2].—Slight soreness of the throat was perceptible about the region of the pharynx,[3].—***Tonsils and Fauces.*** Inflammation of the left tonsil, lasting several days,[3].—Dryness and tickling of the fauces, with short hacking cough (after four hours),[3a].—[50.] Fauces inflamed (second day),[3a].—Irritation of the fauces,[3].—*Smarting and stinging in the fauces*, after an hour subsiding, leaving a feeling of rawness and smarting in them; dryness of the fauces (first day); *smarting, stinging*, and dryness of the fauces all day (second day); smarting and stinging pains in the fauces (after second dose, third day); smarting pains (after second dose, fourth day),[3].—Intense burning feeling in the fauces and throat, which extended to the stomach; felt as if the whole surface had been deprived of its epithelium, causing an intense burning sensation when any attempt to swallow was made; this sensation continued in the stomach two hours (after two hours); slight burning sensation in the stomach (second day),[9].—Slight warmth of the fauces (after second dose),[11].—Considerable heat in the fauces, which gradually increased until the throat became very sore (sixth day),[11].

Stomach.—Appetite. Increase of appetite,[3].—Loss of appetite (seventh day),[11].—***Eructation and Heartburn.*** Severe regurgitation of food, and actual vomiting of the ingesta for some time after eating (second day),[9].—Pyrosis coming on each day about 3 P.M. and lasting until bedtime (have never suffered from a similar attack previous to the proving),[3].—[60.] Pyrosis was a constant attendant while proving the remedy, commencing about 2 P.M. and continuing until bedtime,[4].—***Nausea and Vomiting.*** Nausea,[1a].—Nausea accompanied the constipation,[3].—If we remain in a close room where the root is being boiled, and the vapor passes into the room, a sense of sickness at the stomach is excited, with a disposition to discharge saliva, with headache and other unpleasant symptoms,[1].—Sick and qualmish at the stomach (after two hours and a half); sickness relieved by Ipecac.,[10].—In persons susceptible to the operation of emetics, vomiting follows,[1a].—***Stomach.*** Faint, empty sensation in my stomach (seventh day),[11].—Great distress in epigastrium (eighth day),[11].—At 6 P.M. experienced a griping pain in the epigastrium, soon followed by diarrhœic evacuations, with an abundant discharge of flatus (sixth day); a continued feeling of impending diarrhœa (seventh day),[3a].—Griping pains in the epigastrium, followed by a diarrhœic stool (after four days),[3c].—[70.] Severe cramps in the stomach,[10].

Abdomen.—Hypochondria. Severe cramps in both hypochondriac regions,[10].—Sharp darting pain in the left hypochondrium; appears

to begin in the ascending colon and passes through the transverse into the descending colon, followed by escape of flatus (fourth and fifth days),[11].—***Umbilicus.*** Coliclike pains; violent pains in the umbilical region (one hour after second dose, third day),[2].—***General Abdomen.*** Slight borborygmus, with escape of flatus (after second dose),[11].—Severe rumbling in the bowels, as if diarrhœa was about to set in, which was relieved by escape of flatus; this lasted about two hours, but was finally relieved by smoking (fourth and fifth days),[11].—Constant rumbling in the bowels, relieved by escape of flatus (tenth day),[11].—Considerable rumbling in bowels (seventh day),[11].—Sharp darting pains in my bowels (fifth day),[11].—Heavy pain in the hypogastric region (first day),[2].

Rectum and Anus.—[80.] For several days after taking the last dose, had severe attack of piles, the first I had ever suffered; the attack lasted several weeks before I was entirely relieved by the use of proper remedies,[11].—Considerable pain in the rectum and sphincter ani with the stool (fifth day),[3b].—Pain in the sphincter ani, as though the muscle had been bruised (ninth day),[3b].—On voiding stool, very severe burning at the anus and considerable tenesmus (twelfth day),[11].—With the evacuations from the bowels, some tenderness and a burning sensation in the anus, which subsided after half an hour, leaving an uneasy sensation in the rectum (fourth day),[11].—With the loose evacuations, great tenesmus and burning at the anus, which lasted half an hour (eleventh day),[11].

Stool.—Diarrhœa. After a short time my bowels became very loose and irregular; this condition was soon followed by constipation, accompanied with nausea, together with a slow and irregular pulse when lying down; subsequently, a sensation as though diarrhœa were about to set in,[3].—Two copious, acrid, frothy, bilious evacuations from my bowels, with some tenderness and a burning sensation in the anus (fifth day); at 2 P.M. a loose, papescent, bilious evacuation, accompanied by loss of appetite (seventh day); two loose evacuations following each other at short intervals, with great tenesmus and burning at the anus, which lasted half an hour (eleventh day); as usual, an evacuation immediately after breakfast, the call being urgent (twelfth day),[11].—Bowels began to move (after four hours); in two hours had six evacuations, three of which were copious, the last three rather scanty, but white, and resembled dysenteric stools; another action, the substance passed being white and resembling curds,[10].—A diarrhœic stool followed the griping pains in the epigastrium (after four days),[3c].—***Constipation.*** [90.] At 2 P.M. had passage of the bowels, being nineteen hours over my regular time; it was attended with considerable pain, which was entirely confined to rectum and sphincter ani (fifth day),[3b].—Constipation was induced while I was under the influence of the drug, there being a delay of stool of several hours beyond the usual time,[4].

Urinary Organs.—Kidneys and Urethra. Awoke with a dull pain across the region of the kidneys; pain in the urethra and kidneys has continued all day; have been obliged to discontinue the drug on this account (second day); the pain in the urethra has not entirely subsided (seventh day),[2a].—On waking at 6 A.M., sharp darting pain in both kidneys, the left first, and then the right, with dull heavy pain in the left testicle (ninth day),[11].—Severe pain in the right kidney, or in its immediate vicinity, the pain, however, of short duration,[3].—*Violent smarting-burning* pains throughout the entire length of the urethra, aggravated by micturition, with difficulty in voiding urine, and dull pain in region of kidneys; the pains continued for two hours so severe that it was impossible to re-

main quiet (seventh day); pain in the urethra severe at times and during micturition; can detect no discharge (twelfth day),[2].—***Urine.*** Quantity of urine materially increased; clear, transparent urine; scalds a little in passing (ninth day); quantity of urine increased (tenth day); urine scalds in passing, with uneasy sensation at the neck of the bladder, feeling as if it were inflamed; urine quite clear (eleventh day),[11].—Urine 33 ounces, about the quantity for several days past (first day); 38 ounces, high-colored, containing brickdust sediment (fifth day); high-colored and inclined to foam, about 40 ounces (sixth day); 45 ounces (seventh day); 38 ounces, tolerably clear, although containing some brickdust sediment (eighth day); 40 ounces, thick and milky, containing much chloride of sodium (ninth day); 58 ounces, tolerably clear, but inclined to form bubbles as discharged (tenth day); about 40 ounces, almost clear, and less inclined to foam (eleventh day); 35 ounces (thirteenth day); urine has gradually returned to its usual quantity, from 32 to 36 ounces (fifteenth to eighteenth day),[5].—Urine tested before the proving, sp. gr. 1026 and colorless; after standing twenty-four hours it contained, upon examination, a flocculent mucous sediment, differing somewhat from the sediment which was present during the proving, the latter being of a dark brownish color,[3].—An abundant white sediment appeared in the urine soon after it was voided (second day),[3b].

Sexual Organs.—Male. [**100.**] On passing urine there was a sharp pain in the glans penis, extending up the urethra, so severe as to cause the perspiration to start (after thirteen hours); sharp pains in the penis on waking (second day),[2a].—Slight drawing up of the right testicle, noticed several days since (ninth day),[5].—Dull heavy pain in the left testicle (ninth and tenth days),[11].—***Female.*** Both ovaries pained very severely,[10].

Respiratory Organs.—Larynx and Trachea. Constriction of the larynx (first day, and one hour after second dose, third day),[2].—Bruised feeling of the trachea when pressure is applied,[3].—On going to bed, felt a slight uneasiness and tickling in the trachea and bronchial tubes (first night); worse on rising in the morning (second day),[3a].—Slight lame feeling seemingly in the cartilages of the trachea (sixth day),[3a].—***Bronchi.*** Severe irritation of the bronchi and a bruised feeling of the trachea (after three days),[3c].—***Cough.*** **Towards evening, excessively dry cough, produced by a tickling sensation in the trachea;* cough becomes loose and deep (after four days),[3c].—[**110.**] **Short hacking cough* (first and second days); cough has not entirely subsided (seventh day),[2a].—**Towards evening felt tickling sensation, which produced an excessively dry spasmodic cough* (fourth day); cough somewhat better, though not entirely well; not so dry, but deeper and more loose (fifth day),[3a].

Chest.—Oppression of the chest (after second dose, third day),[2].—Sharp darting pains through the chest and shoulders, very severe (after fourteen hours and a half),[2].—Darting pains through the thorax (fifth day),[2].—Sore aching along the *left* clavicle and in the shoulder, in the evening (third day),[7].—Dull pain in left clavicular space (eighth day),[11].—Raw feeling in the chest, the whole length of the sternum (eleventh day),[11].

Heart and Pulse.—Boring pains about the region of the heart (after fourteen hours and a half),[2].—*Pulse irregular* (after fourteen hours and a half); 90 at 2 P.M., 100 at 3 P.M. (third day),[2].—[**120.**] Slow and irregular pulse, when lying down, accompanied the constipation; subsequently full, but very irregular,[3].—Pulse about 90, weak and *very irregular;* regular during the heat and perspiration (fourth day); very irregular,

in the morning; towards noon more regular, and continued so during the day and evening (fifth day); quite irregular (eighth day),[3b].

Back.—Aching pains in back, extending down the thighs and legs, in the evening (third day),[7].—While sitting, some pain in *left* lumbar region, shooting from behind forward (fourth day),[6].

Extremities.—(Suffering from great soreness of bones and muscles of extremities, caused by severe exercise (before the proving); the soreness was greatly increased, and great aching of the extremities was experienced), (after seven or eight hours),[7].—**In the evening, pains in right elbow and right leg, of an aching and pulsating character, with soreness* (third day),[7].

Superior Extremities.—Pain in the right shoulderblade, running up the neck (eleventh day),[11].—Soreness and aching pain in humerus, on and above the olecranon, not influenced by motion (after second dose, third day),[7].—**Sharp shooting pains in both arms, from middle third of humerus down to fingers* (after one hour, third day),[8].—Aggravating pains in *left* elbow, extending towards shoulder and hand, as though the bones were sore and would separate; slighter pains, of like character, in *right* elbow; aching also in *left* carpal and metacarpal bones; these pains are temporarily relieved by change of position (fourth day),[7].—[**130.**] Sharp pains in bend of left elbow, increased by hanging down (after one hour, second day),[8].—Pain in *right* elbow, forearm, and wrist, aggravated by motion (fifth day),[6].—**Sharp shooting pains in upper third and inner side of forearm*, aggravated by letting limb hang down, and relieved by pressure, at 9.30 A.M. (third day),[8].—Pains in finger-joints (fifth day),[6].

Inferior Extremities.—Aching of the lower extremities, in the evening (fifth day),[3b].—***Hip and Thigh.*** While riding, pain in both hip-joints, worse from bending backwards or forwards; after getting out and walking, pains increased, with stiffness of joints (fourth day),[6].—Aching pains in *right* hip and *left* foot (after eight or ten hours),[6].—Aching pain on outside of *right* thigh and leg, running down to foot (fifth day),[6].—Dull, heavy, aching sensation in *right* thigh and leg (after two hours),[8].—Sensations in the popliteal space of both legs (twelfth day)[11].—***Knee.*** [**140.**] Stabbing in *right* knee (fourth day),[7].—Drawing pain in the left knee, affecting the gastrocnemius and biceps muscles (twelfth day),[5].—***Leg.*** **Aching pain in right leg* (after half an hour),[6].—After retiring, pains in posterior part of right leg, of an aching character (first night),[6].—**Pains in left lower anterior third of leg*, in the afternoon, while driving (fourth day),[6].—Dull aching pain in the calves (eleventh day),[11].—Dull feeling in the calves (twelfth day),[11].—Slight dull pain in tendo Achillis (twelfth day),[11].—Sharp darting pain in the right ankle-joint, outer part (fifteen minutes after second dose, fourth day),[11].—Pain in both external malleoli (fourth day),[6].—***Foot.*** [**150.**] Left foot uneasy (twelfth day),[11].—Aching pains in *right* foot over instep (after half an hour),[6].—Severe pains in *right* foot, increased on standing and attempting to walk, in upper part of foot over the instep (two hours after second dose, third day); pains in sole of foot and leg (fourth morning),[6].—***Toes.*** While in the house, pain in the third toe of the *right* foot (fourth day),[6].—While walking, pain in metatarsal joint of great toe, running back to heel, in both feet (fourth day),[6].

Generalities.—Soreness of the muscles all over; feels as if he had taken a severe cold (third day),[2].—Feel quite distressed (after fourteen hours and a half); felt miserable all the forenoon (third day),[2].—Feel quite weak (fourth day),[3b].—Felt weak and emaciated, as if I had lost all

my strength and energy (seventh day),[11].—Feel very languid, having great desire to sleep; dull heavy feeling all over, especially in both legs; feel sore from the top of my head to the soles of my feet; don't want to move; want to go where I will not be annoyed; the duties of my profession are irksome; head feels heavy; perfect relaxation of all the muscles of the neck; my brain feels too large for the skull; requires considerable exertion to keep my eyes open (second day),[11].—[**160.**] Suffered from a general feeling of malaise about bedtime, but somewhat improved upon waking, after sleeping all night (after four days),[3c].—A feeling of general malaise (third day),[3a]; (fourth and fifth days),[3b].—After a good night's rest feel somewhat better (fourth day),[3a].—The symptoms continued eight weeks, with no apparent amelioration, but were greatly aggravated by exposing the parts to cold, or even to the atmosphere; relief from the aggravation was only obtained by covering with flannel, or by getting into bed,[3].

Skin.—(During the proving a couple of pustular eruptions, that had persistently remained for a month, rapidly healed),[3a].—Previous to going to sleep the second night, I experienced a burning sensation in the left ear, on which, in the morning, appeared a simple eruption of a vesicular character,[3c].—The juice of the root applied to the surface and rubbed upon it, occasious smarting and irritation,[1].—Excessive itching was experienced on the skin, below the knees, though no eruption was perceptible,[3].—The first symptom experienced which I thought might be attributable to the action of the drug, was a *burning itching* of the *legs*, below the knees, which seemed much worse by exposure to the atmosphere,[4].

Sleep.—(Tired and sleepy directly after breakfast, a very common symptom), (eighth day),[3b].—[**170.**] Feel sleepy in the evening much earlier than usual (third day); feel sleepy in the evening and by spells during the day (fourth day); at night feel sleepy (seventh day); less sleepy at night than for several evenings past (eighth day),[5].

Fever.—Coldness of the whole body on going to bed, though within a short time the surface of the body seemed to be gently perspiring, with continuous heat of a feverish nature,[3].—Noticed during the day that I would have spells of feeling as though the room was too warm, would then break out in a general perspiration (fourth day),[3b].—Great warmth in the face, resembling catarrhal fever (sixth day),[11].—Slight perspiration (one hour after second dose, third day),[2].

Conditions.—**Aggravation.**—(*Afternoon*), 2 and 3 P.M., pyrosis.—(*Evening*), Headache.—(*Exposure to air*), Burning itching on legs; the symptoms.—(*Bending forward and backward*), Pain in hip-joints.—(*After breakfast*), Tired and sleepy feeling.—(*Letting limb hang down*), Pain in forearm.—(*Micturition*), Pains in urethra.—(*Motion*), Pain in right elbow, forearm, and wrist.—(*Reading*), Lachrymation.—(*Standing*), Pain in right foot.—(*Walking*), Pain in right foot.

Amelioration.—(*Pressure*), Pain in forearm.

STRAMONIUM.

Datura stramonium, L.

Natural order, Solanaceæ.

Common names, Thorn-apple, Jamestown-weed, Stink-weed; (G.), Stechapfel; (F.), Pomme épineuse.

Preparation, Tincture of herb in flower and fruit.

Authorities. (1 to 30 from Hahnemann, R. A. M. L.) 1, Hahnemann;

2, Fr. Hahnemann; **3**, Franz; **4**, Michler; **5**, Alberti, Jurisp. Med. 1, p. 206 (vol. 2, "effects of eating seeds," Hughes); **6**, Brera, Harles in Bemerk, üb. d. Behandl. d. Hundswuth, Frft. a. M., 1809, 4 ("not accessible," Hughes); **7**, Büchner, Bresl. Samml., 1727 ("not found in volume mentioned," Hughes); B. Busch (see No. 33, T. F. A.); **8**, Commentarii de rebus in med. et sc. nat. gestis, vol. 2, p. 241 ("not found in volume mentioned," Hughes); **9**, Cph. a Costa, in Schenk, lib. 7, obs. 139, p. 851 ("as Alberti," Hughes); **10**, D. Crüger, in Misc. Nat. Cur. Dec. III, Ann. 2, obs. 68 ("from the fruit," Hughes); **11**, Döderlin, Comm. lit. Nor., 1744, p. 15 ("from cooked plant," Hughes); **12**, Van Ems, in H. Boerhaave prælect. de morb. nerv., 1, p. 237 ("nothing about Stramonium here," Hughes); **13**, Garcias ab Horta, de Plantis, cap. 24 ("Lib. II, statement," Hughes); **14**, Gardane, Gaz. de Santé, 1773, p. 143 ("effects when given in mania," Hughes); **15**, Greding, in Ludw. Advers., 1, p. 285 ("symptoms occurring in patients taking the extract, I–XVIII maniacs and melancholics, XIX–XXXV epileptics, XXXVI–XLVI epileptic maniacs");† **16**, J. C. Grimm, Eph. Nat. Cur. Cent IX, obs. 94 ("observation," Hughes); **17**, Heim, Selle's neuen Beiträgen z. Nat. u. Arzn., 2, p, 126 ("from seeds in a child," Hughes); **18**, Kaaw Boerhaave, Impet. fac. Hipp. L. B., 1745, p. 282 ("as Du Guid," Hughes);‡ **19**, Kellner, Bresl. Samml., 1729 ("as Büchner," Hughes); **20**, Kramer, Comm. lit. Nor., 1733, p. 251 ("p. 252, observation," Hughes); **21**, M., Baldinger's neuen Magaz. B. I., p. 35 ("as Heim," Hughes); **22**, J. L. Odhelius, Mem. sur l'us. du Stramonium, par. 4, 1773 ("not accessible," Hughes); **23**, Pfennig, Hufel. Journ. XIV, 1, p. 158 (vol. 19; "as Johnson," Hughes);§ **24**, Ray, histor. plantar, tom. 1 ("from root," Hughes); **25**, Sauvages, Nosolog. 2, s. 242 ("observation," Hughes); **26**, Sauvages, Epist. ad Haller, 3 ("not accessible," Hughes); **27**, Schroer, Hufel. Journ. 11, p. 195 ("as Heim," Hughes); **28**, Unzer, Med. Handbuch, 2, s. 28 ("not accessible," Hughes); **29**, Vicat. plant, venen. de la Swisse, p. 248 ("observations of poisoning," Hughes); **30**, A. F. Wedenberg, Diss. de Stramonii usu in morbis convulsis, Ups., 1773, 4 ("statement," Hughes), (31 to 40 quoted by Hahnemann, not taken from Hahnemann, but from the original, by me, for this work, T. F. A.); **31**, Du Guid, Journ. Med., 1757 (Frank's Mag. 1), a man, æt. 68 years, ate the seeds cooked in milk; **32**, Dr. Storck, Med. Museum, 1763, p. 450, effects on the author from working over the plant, and sleeping in the same room, with closed windows; **33**, Benj. Rush, M.D., Trans. of Am. Phil. Soc. Philad., 1769, p. 384; a child æt. between 3 and 4 years swallowed over 100 dried seeds; **34**, Dr. Abraham Swaine, Essays and Obs., Edinb., 1770, p. 272, Robert Bulmer, æt. 69 years, boiled three thorn-apples in a pint of milk, and drank the decoction; **35**, Prof. Lobstein, Diss. de Veg. Venen. Alsatiæ, Strasburg, 1776 (Med. Facts and Obs., Lond., 1794), two children, æt. 6 and 9 years, were poisoned by the seeds; **36**, James Johnson, Med. Facts and Obs., Lond., 1794, p. 78, Miss S., æt. 20 years, swallowed some seeds; **37**, Thos. Fowler, Med. and Phil. Comment., 1797, p. 161, a girl, æt. 6 years, ate three-quarters of the seeds of a ripe thorn-apple; **37** *a*, same, Grizzle Bruce, æt. 9 years, swallowed a fourth part of

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† "I have not thought it necessary to indicate the cases to which Greding's symptoms belonged. I have bracketed all the mental and moral symptoms of the maniacs, and all the spasmodic and convulsive symptoms of the epileptics. The doses given are not sufficient to induce such phenomena."—HUGHES.

‡ See No. 31, T. F. A.

§ See No. 36, T. F. A.

the seeds of a thorn-apple; **38**, Dr. Alex. King, Med. and Phys. Journ., 1799, p. 278, effects of the extract in small doses; **39**, same, effects in large doses; **40**, Benj. De Witt, M.D., Med. Repos., 1805, p. 27, a girl, æt. 2 years, ate some seeds; **41**, same, a young woman took a decoction of more than a tablespoonful of the dried seeds. (42 to 72, from Hering); **42**, Kurzak; **43**, Wendt; **44**, Thompson, a child, æt. 2 years, ate the seeds, and died in twenty-four hours; **45**, Brandt Ratzeburg, p. 180, effects of inhaling odor of fresh leaves; **46**, Traill, effects of extract; **47**, Duffee; **48**, omitted; **49**, Newbeck; **50**, Wiggers; **51**, Harder; **52**, Murray, App. Medic. 1, 907; **53**, Cammerer in Bishop, Mat. Med., p. 238; **54**, Helbig, effects on a young married woman, without children; **55**, Meyerstein, decoction of seed, in milk; **56**, Brande; **57**, Richter; **58**, Mich. Dœring, on use of Opium, Jena, 1620, 12, p. 77; **59**, Gross, C. M. M.; **60**, Ruseberg, a girl, æt. 4 years, ate the seeds; **61**, N. N.; **62**, Taylor; **63**, omitted; **64**, C. Hg., a case of poisoning; **65**, Waitz gavan remedies, Datura Tatula; **66**, Wm. Williamson, a case of poisoning; **67**, Zumbrock, a case of poisoning; **68**, Nouveau Journ. de Med.; **69**, Casper; **70**, Med. Gaz., 8, 605, a woman, æt. 36 years, took an infusion; **71**, Amelung; **72**, omitted; **73**, Ernest, in Museum der Heilk., 1792 (Helbig's Heraclides, vol. 1, pr. 1, p. 61), poisoning; **74**, Moses Bartram, M.D., Trans. Coll. Phys., Phil., 1793, p. 198, a child swallowed some seeds; **75**, Dr. De Witt, Med. and Phys. Journ., vol. 1, 1799, p. 84, effects of the seed; **76**, Dr. Samuel Brown, Med. Repos., vol. 5, 1802, p. 36, a child, æt. 2 years, ate the seeds; **77**, Puihn, Mat. Ven. Reg. Veg. (Helbig's Heraclides, vol. 1, pr. 1, p. 61), poisoning of children; **78**, Hamilton, Aromat. Hist., vol. 1, pr. 2, chap. 24 (Wibmer), general effects of poisoning; **79**, Seiler, Horn's Archiv., vol. 27, 1815, Frank's Mag., 2, 230, a boy, æt. 5½ years, ate some seeds; **80**, Thos. Young, M.D., Edinb. Med. and Surg. Journ., vol. 15, 1819, p. 154, a boy ate a whole thorn-apple; **81**, Benj. Granger, Edinb. Med. and Surg. Journ., vol. 16, 1820, p. 155, a girl, æt. 2½ years, ate some thorn-apples, death in twenty-one hours; **82**, Vady, Journ. Complement., vol. 11, p. 176, 1821 (Wibmer); **83**, Williamson, New Eng. Journ. of Med., vol. 12, 1823, p. 253, T. B., æt. 27 years, took half a gill of the tincture; **84**, Dr. Kunze, Rust's Mag., vol. 17, 1824 (Frank's Mag., 1), a child ate the seeds; **85**, Heun, Rust's Mag., 17, 1824 (Frank's Mag., vol. 1), a woman suffering from pain in the side took Stramonium, cooked in water; **86**, Rust's Mag., 16, the leaves were eaten by four persons; **87**, Velsen, Rust's Mag., 18, p. 124 (Wibmer); **88**, Med.-Chir. Rev., New Eng. Med. Journ., vol. 14, 1825, p. 375, a suppository containing ½ gr. of extract was introduced into the rectum; **89**, Orfila, Med.-Chir. Zeit., 26, p. 355, 1825 (Hartlaub and Trinks, vol. 1); **90**, Dr. Greuling, Rust's Mag., 18, 1825, a girl, æt. 3 years, ate the seeds; **91**, Chas. D. Meigs, M.D., N. A. Med. and Surg. Journ., 1827, p. 33, a girl, æt. 2½ years, ate an unknown quantity of seeds; **92**, Truman Abell, Am. Med. Rec., 1828, p. 203, the author, while preparing an extract of the leaves, kept his right hand and wrist soaked in the narcotic juice; **93**, Dr. Amelung, Hufeland's Journ., 1828 (Am. Journ. of Med. Sci., vol. 6, 1830, p. 235, effects of the internal administration; **94**, R. E. Griffith, M.D., Am. Journ. Med. Sci., vol. 5, p. 251, Chas. Lambert, æt. 3 years, ate a few seeds; **95**, James Marsh, Lancet, 1830–1, p. 560, a woman, æt. 36 years, swallowed a teacupful of the infusion; **96**, Bechhaus, Hufeland's Journ., 1832 (Frank's Mag., 2, p. 870), a young woman took two cups of infusion of the seeds; **97**, W., Bost. Med. and Surg. Journ., vol. 9, 1833, p. 10, Mrs. S R. drank some herb tea, made partly of the leaves of Stramonium; **98**, same, Miss

E. F. drank tea made of the leaves; **99**, same, Mrs. W., æt. 40 years, took for piles an injection of an infusion of the leaves; **100**, Rohrer, Oest. Med. Jahr., vol. 7, 1834 (A. H. Z., 7, p. 261), two children ate the seeds and ripe capsules; first child æt. 5 years; **101**, same, second case of a girl, æt. 6 years; **102**, E. W. Duffin, Lond. Med. Gaz., vol. 15, 1834–5, p. 194, a girl, æt. 2½ years, swallowed over 100 seeds weighing about 16 grs., death in twenty-four hours; **103**, Dr. Schulze, Casper's Woch., 1834 (Frank's Mag., 1, p. 282), a man and woman took the seeds in beer, for pain in the side; **104**, Dr. Barton, Lond. Med. and Surg. Journ., vol. 8, 1835, p. 704, two soldiers ate the plant; **105**, same, effects of 30 grs. of the powder; **106**, Asiatic Journ., 1835, quoted from Meerut Abs. (Brit. Journ. of Hom., 1873, appendix), about sixty persons ate the seeds in food about midnight; **107**, Oest. Med. Jahr., 10, p. 3, 1836 (Archiv. für Hom., 16, p. 102), a girl, æt. 20 years, ate several seeds; **108**, Dr. Braun, Hencke's Zeit. für Staat., 15, p. 177, 1836 (A. H. Z., 9, p. 303), a girl, æt. 4 years, ate some of the green fruit and seeds; **109**, Chas. Hooker, M.D., Boston Med. and Surg. Journ., vol. 15, 1836, p. 60, five persons ate the plant; **110**, Beverley's History of Jamaica, Lancet, 1836–7 (2), p. 819, some young soldiers ate plentifully of the herb as a salad; **111**, Prof. A. Thompson, Lancet, 1836–7 (2), p. 819, a woman took a cupful of strong infusion on going to bed; **112**, same, a man took a similar quantity; **113**, Geo. G. Sigmond, M.D., Lancet, 1836–7 (2), p. 328, Hein gives account of two infants who swallowed some seeds; **114**, same, Blancard states the case of a girl, æt. 18 years; **115**, Sir Geo. Gibbs states the case of a man who smoked the leaves for asthma; **116**, Dr. Jonas, Med. Zeit. Preuss, 1836 (Frank's Mag., 1, p. 133), Stramonium in milk; **117**, same, four children were poisoned by the seeds; **118**, same, another case; **119**, Hornung, Med. Jahr., 10, 1836 (Frank's Mag., 1, p. 819), a girl, æt. 20 years, ate the seeds; **120**, Hœring, Med. Corres. Würtem., vol. 7, p. 97, 1837 (Frank's Mag., 2, 230), a woman, æt. 22 years, ate two unripe capsules; **121**, Dr. Danzeger, Casper's Woch., 1839, a boy was poisoned by the seeds; **122** to **125**, M. J. Moreau, Gaz. Med., No. 43 (Prov. Med. and Surg. Journ., vol. 3, 1841–2, p. 126), effects in treatment of hallucination; **122**, Emanuel P., æt. 31, took 20 grs. extract night and morning; **123**, Louis R. took a mixture containing 5 grs. extract; **124**, effects of 2 grs. daily; **124** *a*, same, suspended use of medicine and then took 10 grs. at once; **125**, another patient took ½ gr. extract every half hour, symptoms of poisoning appeared after ninth dose; **126**, Dr. Schrön, Hygea, 13, p. 193 (Brit. Journ. of Hom., vol. 11, p. 292), a robust man, æt. 33, for facial neuralgia, was given ½ gr. extract, to be taken at 2, 4 and 6 P.M.; **126** *a*, a girl, æt. 16, took 6 drops tincture, in two hours 9 drops, followed by 6 drops more in two hours; **127**, same, a very sensitive woman, æt. 42 years, for facial neuralgia, took ¼ gr. at 4 P.M., ⅛ at 6 P.M., and ¼ gr. next morning; **128**, same, a man, æt. 37 years, for facial neuralgia, took ¼ gr. extract at 4 o'clock, and repeated the dose at 6; **129**, Prov. Med. and Surg. Journ., vol. 3, 1842, p. 210, 3 grs. were taken at bedtime; **130**, Dr. Reiseberg, Casper's Woch., 1842 (Frank's Mag., 1), a girl ate the seeds; **131**, M. Eitner, Encyc. des Sci. Med., 1843 (Am. Journ. of Med. Sci., 1844 (1), p. 231), general effects; **132**, Schlesier, Casper's Woch., 1843 (Frank's Mag., 1), a boy, æt. 4 years, ate the seeds; **133**, Dr. Schneller, Wien. Zeit, 1846 (Frank's Mag., 2, 533), 1st dose of 5 drops tincture, irregularly increased to 120, afterwards 200 drops; **134** to **136**, John Spence, M.D., Bost. Med. and Surg. Journ., vol. 31, p. 361, three women drank ½ oz. steeped in water; **134**, M. L., æt. 60 years, previous health feeble and delicate; **135**, J. L.,

æt. 30 years, constitution good; **136**, E. B., æt. over 80, naturally vigorous, had suffered a short time previous from bronchitis, but was nearly convalescent; **137**, Robert Allan, Lancet, 1847 (2), p. 298, an Indian ate some Stramonium, and died in seven hours; **138**, A. Stobo, Med. Times, vol. 16, 1847, p. 650, a boy, æt. 5 years, ate a drachm of the seeds; **139**, Nœckher, Preus. Verein. Zeit., 1847 (S. J. 55), a boy, æt. 7½ years, swallowed the seeds; **140**, Dr. Van. Hasselt, Nederland Lancet, 1851, (Z. für H. K., 1, 89), nine persons were poisoned; **141**, H. P. Lawrence, Lancet, 1851 (1), p. 599, a man ate some seeds; **142**, John Le Gay Brewster, M.D., Prov. Med. Journ., 1851, p. 699, two children, æt. 3 and 5 years, ate some seeds; **143**, C. L. Mitchell, M.D., New York Journ. of Med., May, 1857, a young woman drank some Stramonium tea; **144**, Dr. Kraus, Med. Corr. Blatt., 1852, vol. 22, p. 78, a boy, æt. 4 years, was poisoned by the dried extract, probably about 10 or 12 grs.; **145**, Gould and Thurston, Med. Times and Gaz., 1852 (1), p. 197, four persons were poisoned by the seeds; **146**, Leonard Pratt, Inaug. Thesis, at Penn. Hom. Med. Coll., 1852, took 5 drops mother tincture, at 7 A.M.; **146** *a*, same, a dose every morning, about ½ hour before eating, beginning with 3 drops per dose, and gradually increasing to 20 drops; **147**, Wheeling Argus (Virg. Med. and Surg. Journ., 1853, p. 225), a boy and girl, æt. about 5 years, ate the seeds, the boy died; **148**, same, a child, æt. three years, was poisoned; **149**, C. B. Faust, M.D., Charleston Med. Journ. and Rev., vol. 9, p. 743, a child, æt. 1 year and 8 months, ate some seeds; **150**, Dr. Schönheit, Zeit. für Nat. und Heilk., in Hungary (Prag. Monart., 2, 1854, p. 173), a boy, æt. 4 years, ate some seeds; **151**, Henry C. Preston, M.D., Phil. Journ. of Hom., vol. 2, 1854, p. 608, a boy, æt. 6 years, was poisoned; **152**, Bost. Med. and Surg. Journ., vol. 52, 1855, p. 85, six persons were poisoned by the powdered leaves cooked with meat instead of sage; **153**, Dr. Gruenberg, Zeit. für Verein Aust. Hom., 1, 378 (Zeit. Klin. für Med., vol. 7, 1856), a boy, æt 7 years, ate the seeds; **154**, Dr. Watson, New York Journ. of Med., July, 1856, p. 66, a woman took an injection for piles; **155**, Geo. T. Elliott, Jr., M.D., New York Journ. of Med., Nov., 1856, p. 358, a boy, æt. 4½ years, ate some seeds; **156**, D. Calkins, Bost. Med. and Surg. Journ., vol. 54, 1856, p. 398, a boy, æt. 4 years, ate some seeds; **157**, Dr. Henry Earley, Aust. Med. Journ., 1857, vol. 2, p. 241 (Berridge's Collection, Brit. Journ. of Hom., 1873, Append.), a child, æt. 2 years, was poisoned by the seeds; **158**, same, case of a girl, æt. 3½ years; **159**, same, cases of children from 2 to 9 years of age; **160**, T. K. Chambers, M.D., Brit. Journ., 1858, p. 824, Joseph Miller, æt. 7 years, ate some seeds; **161**, same, John Wilton ate the seeds; **162**, same, James Wilton, æt. 7; **163**, Lichtenfels, Wien. Zeit., 1858 (S. J. 100, 293), a man was poisoned by the seeds; **164**, Dr. A. F. A. Greeves, Aust. Med. Journ., 1859, p. 186 (Brit. Journ. of Hom., Append., 1873), Mrs. ——, æt. 40 years, swallowed a teaspoonful of the seeds; **165**, T. L. Maddin, M.D., Nashville Med. Rec. (South. Med. and Surg. Journ., 1859, p. 831), a girl, æt. 4 years, ate some seeds; **166**, Dr. Bell, New York Journ. of Med., 1860, p. 341, an old negro woman drank an indefinite quantity of an infusion of the leaves; **167**, John G. Johnson, M.D., Am. Med. Times, 1860, p. 22, a boy, æt. 7 years, ate some seeds; **168**, Dr. Flöegel, Vien. Med. Halle, 1861 (A. H. Z. M. B., 5, 27), a man, æt. 61 years, suffering from cramps in the calves took some seeds in brandy, a few drops daily; **169**, Dr. Larquet, Gaz. des Hop., 1861, No. 109, a girl, æt. 4 years, ate some of the flowers and fruit; **170**, A. G. Emory, M.D., Med. and Surg. Journ., 1861, p. 45, a boy, æt. 5 years, ate some seeds; **171**, Geo. T. Elliot,

M.D., Am. Med. Times, vol. 2, 1861, 128, Mrs. ——, æt. 22, injected into her rectum ½ pint of infusion made from 4 ozs. leaves; **172**, C. E. Buckingham, Bost. Med. and Surg. Journ., vol. 65, p. 261, a boy, æt. 6 years, ate a large quantity of the unripe seeds; **173**, J. H. Harriss, ibid., p. 311, a woman and two children ate the plant; **174**, Dr. Liegey, Journ., de Chim. Med. and Pharm. (Dublin Med. Press, 1862 (2), p. 374), a child, æt. 2 years and 4 months, ate the seeds and died in twelve to fourteen hours; **175**. same, another child ate the seeds; **176**, Bernhard, Preuss. Med. Zeit., 1862 (A. H. Z. M. B., 6, 31), a boy, æt. 7 years, ate the seeds; **177**, Chas. C. Lee, M.D., Am. Journ. of Med. Sci., 1862 (1), p. 54, a child drank some whiskey containing the seeds; **178**, same, a man, æt. 31 years, drank a cupful, and a woman, æt. 58 years, drank about a gill of same; **179**, same, a woman, æt. 34 years, drank only one or two mouthfuls of same; **180**, Mad. Quart. Journ. of Med. Sci., vol. 5, p. 320 (Brit. Journ. of Hom., Append., 1873), a woman had taken some leaves of Datura (? Stramonium); **181**, a man took an infusion of Datura leaves for dysentery; **182**, Dr. Shortt, ibid., vol. 6, p. 286, a man, æt. 41 years, took the leaves; **183**, same, a girl, æt. 14, ate one-third of the seeds of one of the apples, recovery after use of stomach-pump; **184**, same, a girl, æt. 18 years, ate Stramonium early in the morning, death at 10 A.M.; **185**, same, a woman took Stramonium; **186**, Albert Corvisart, Journ. de Med., vol. 23 (Hempel's Mat. Med., vol. 1, p. 770), three children were poisoned; **187**, Wm. H. Cuthbert, M.D., North Am. Journ. of Hom., vol. 13, p. 68, Emma Meyers, æt. 18 months, was poisoned by the seeds; **188**, Dr. C. Hering, a fragmentary proving by Dr. J. R. Coxe, Jr., æt. 57, Am. Hom. Rev., vol. 4, p. 559, took 10 drops 1st dec. dil. at 8 A.M., 2 and 10 P.M. (first, second, and third days), and at 8 A.M., 2 and 11 P.M. (fourth day); **189**, Charles Chauncey Coxe, æt. 11 years, took 12 drops of 3d dec. dil. at 2 and 9 P.M. (first day), same at 9 A.M., 2 and 9 P.M. (second and third days); **190**, omitted; **191**, Dr. Carroll Dunham, ibid., a man, æt. about 44, whose health had suffered greatly in consequence of bilious remittent fever and heroic doses of calomel, applied the bruised green leaves to large irritable ulcers on both legs; **192**, Dr. Bengel, Med. Corr. Blatt., 1864, vol. 34, p. 79, a boy, æt. 2 years, ate some pieces of the seeds; **193**, A. P. Turner, M.D., Am. Journ. of Med. Sci., April, 1864, p. 551, two boys, æt. 8 and 10, ate some seeds; **194**, Alfred S. Taylor, M.D., Guy's Hosp. Rep., vol. 11, p. 293, a student swallowed about 5 or 6 grs.; **195**, same, 4 milligrams of Datura applied to the eye; **196**, same, seven milligrams administered by the stomach; **197**, M. Kuborn, Bull. Gen. de Ther., 1866 (Brit. Med. Journ., 1866 (1), p. 522), four persons were poisoned; **198**, H. Y. Evans, M.D., Am. Journ. of Med. Sci., July, 1866, p. 278, seven children were poisoned by the seeds; **199**, Sauvages, Dublin Med. Journ., 1867 (2), p. 11, effects of wine drugged with the juice of the seeds; **200**, Henry Robinson, Brit. Journ. of Hom., vol. 25, p. 37, a young woman took every third morning a dessertspoonful of $\frac{1}{100}$ in 8 ozs. water; **201**, C. P. Blake, M.D., St. George's Hosp. Rep., 1868, p. 159, a man, æt. 70 years, took 1½ drachms of tincture for asthma; **202**, J. W. Mallet, M.D., New Orleans Med. and Surg. Journ., vol. 21, 1868, p. 550, a young man died from the effects of Stramonium in his food; **203**, D. McGillivray, M.D., Canada Med. Journ., vol. 4, 1868, p. 485, a boy, æt. 2 years and 3 months, ate some seeds; **204**, C. D. Fairbanks, M.D., Am. Hom. Obs., 1869, p. 366, a girl, æt. 4 years, ate some seeds; **205**, J. J. Hilliary, Dominion Med. Rec. (New Orleans Med. and Surg. Journ., 1869, p. 365), J. P., æt. 40 years, drank a cupful of Stramonium tea; **206**, Dr.

J. F. Treuman, Chicago Med. Journ. (Med. Press and Circular, 1869 (1), p. 261), a mother and two daughters ate the seeds; **207**, W. F. Cheney, M.D., Pacific Med. and Surg. Journ., 1870, p. 305, a girl, æt. 5, ate the seeds; **208**, Dr. Crispell, Eclectic Med. Journ., Sept., 1871 (North Am. Journ. of Hom., N. S., vol. 2, p. 293), two cases; **209**, Dr. Chevers, Med. Times and Gaz., 1871 (1), p. 164; **210**, E. W. Berridge, M.D., Month. Hom. Rev., vol. 15, 1871, p. 298, proving of tincture of British (allopathic) Pharmacopœia, prepared from seeds, took 8 drops in water at 1.35 P.M., 20 at 4. 30 at 6 P.M. (first day), 40 at 8.40 A.M., 50 at 10.25, 60 after 1.50 P.M. (second day); **211** to **221**, same, North Am. Journ. of Hom. N. S., vol. 2, 1871, p. 62; **211**, Miss ——, took 10 glob. of 43,000 (Fincke) at 5.15 P.M.; **212**, Miss ——, took 10 glob. of same; **213**, Miss ——, took 1 glob. of same; **214**, Miss, æt. 11–12 years, suffering from chorea, took repeated doses of 30th and 200th (Lehrmann), had new symptoms while taking 200th; **215**, Dr. Berridge, took 10 glob. 43,000 (Fincke) at 4.15 P.M.; **216**, same, took 20 glob. 1000 (Jenichen) at 11.40 A.M.; **217**, same, took 30 glob. 200 (Lehrmann) at 10 A.M.; **218**, same, took 50 glob. 1000 (Fincke) at 9.45 A.M.; **219**, same, took 20 glob. of 3d at 8.30, 11 A.M., noon, 12.55, 2.10, 3, 4, 5, 7, 7.55, 9 P.M. (first day), 20 glob. at 8, 9.50 A.M., 1 P.M. (second day), 30 glob. at 8, 40 at 11.40 A.M., ½ drachm of glob. at 7.15 P.M. (third day), 30 glob. 6th dil. at 10 A.M., 40 glob. at 1 and 7 P.M., 50 glob. at 11.30 P.M. (seventh day), 50 glob. at 7.30, 9.40, 11.5 A.M., 6.45, 7.45 P.M. (eighth day), 50 glob. at 7.20, 11.10 A.M., 100 glob. at noon, 9 P.M., 300 glob. at 11 P.M. (ninth day), 50 glob. 12th dil. at 8.15, 10 A.M., 12.15 P.M., 70 glob. at 3.10, 100 glob. at 4.30, 8.30, and midnight (fourteenth day), 100 glob. at 8, 10 A.M., 200 glob. at noon (fifteenth day); **220**, same, took several glob. 5000 (Fincke) at 10 A.M. (first day), 60 glob. 10,000 (Fincke) at 10 A.M. (fifth day), several glob. 30,000 (Fincke), (eighth day), had to take Alumina and ceased proving; **221**, same, took 10 glob. cm. (Fincke) at 10 A.M.; **222** to **229**, same, Month. Hom. Rev., vol. 16, p. 34; **222**, same, took 100 drops tincture, prepared from the seeds, in water at 9.15 A.M.; **223**, Mr. R. M. Theobald, took 10 drops of same (first day), 20 (second day), 30 at 11.30 A.M., 20 at 2 P.M. (third day), 20 before breakfast and 1.30 P.M. (fourth day), 20 to 30 drops two or three times a day (fifth and sixth days), 30 before breakfast, at noon, and bedtime (seventh day), 30 at 8 A.M. (eighth day), 40 early in the morning (ninth day); **224**, same, chewed 6 or 8 seeds in the afternoon; **225**, same, took 10 drops 3d cent. (first, second, and third days), 5 drops before bedtime (fourth day); **226**, Mr. ——, took 5 drops tincture of Hom. Pharmacopœia (first and second days), 10 drops (third day), 15 (fifth day), 5 *ter die* (seventh and eighth days), 5 (ninth day); **227**, same, took 5 drops tincture *ter die* for four days; **228**, same, took 5 drops tincture (first, second, third, fourth, fifth, ninth, eleventh, and twelfth days); **229**, F. Brunning, M.D., Philad. Med. and Surg. Rep., vol. 27, 1872, p. 20, a boy died from effects of the seeds; **230**, A. W. Rogers, M.D., ibid., p. 211, a child, æt. 3 years, ate the seeds; **231**, F. H. Bailey, ibid., p. 283, a girl, æt. 4 years, ate the seeds; **232**, Dr. Wittmann, Jahrbuch für Kinderheilkunde, vol. 6, 1873, p. 178, a girl, æt. 6 years, ate the seeds; **233**, Buckner, A. H. Z., 86, 1873, p. 18, a boy, æt. 3 years, ate the fruit; **234**, Wm. H. Cook, M.D., Hahn. Month., vol. 9, 1873, p. 35, Mr. T. poured boiling water over two pods and drank when cold; **235**, Dr. Berridge, North Am. Journ., New Ser., 3, 1873, p. 504, Miss ——, took 1 glob. cm. (Fincke) two or three times daily, for five days; **236**, B. M. Wibble, M.D., Rich.

and Louis. Med. Journ., August, 1873, p. 186, a woman drank half a glass of ale from a bottle containing a large amount of the seeds; **237**, same, a man drank two-thirds a glass of same; **238**, Chas. G. Polk, M.D., Phil. Med. and Surg. Rep., 1873 (1), p. 395, a boy, æt. 4 years, ate a large amount of the seeds; **239**, Hesse, Schweiz. Corr. Blatt., 1873 (S. J., 160, p. 240), a girl, æt. 3 years, ate the seeds; **240**, W. H. B., Am. Hom. Obs., vol. 11, 1874, p. 263, a girl, æt. 3 years, ate the seeds; **241**, Dr. J. Kemberling, Ohio Med. and Surg. Rep. (Am. Journ. of Hom. Mat. Med., New Ser., 4, 1875, p. 387), poisoning, recovery on fifth day; **241** *a*, same, another case in same family; **242**, Dr. Jules de Soire, Gaz. des Hop., 1865, No. 42, a woman, æt. 50 years, took an infusion of the leaves; **243**, W. G. Smith, Dublin Med. Journ., 1870 (1), p. 213, an elderly man was in the habit of smoking Stramonium with a small quantity of tobacco, for relief of asthma.†

Mind.—Emotional. ***Delirium,**[23 33 78], etc.—**Violent delirium,*[87].—**Foolish delirium,*[73].—**Delirium, furious,*[20].—**Joyful delirium,*[101].—**At times delirium with open eyes,*[27].—**Delirium with sexual excitement,*[107].—**Almost constant delirium,*[107 119].—**Sudden delirium, with ridiculous gestures,*[86].—[**10.**] Became quite delirious, recognized no one[79].—Delirium; an unceasing disposition for motion in all the muscles, weeping, screaming, laughter, and rapid incoherent exclamation,[76].—Symptoms closely resembling delirium tremens,[88].—[Insane delusion that he was killed, roasted, and being eaten],[15].—**Maniacal delirium supervened,* **symptoms resembling hydrophobia,**[41].—The mother and one daughter were raving like maniacs, while the other was rapidly sinking into coma,[206].—**Delirium with incoherent talking,*[242].—Grew violently delirious, and died comatose,[182].—Maniacal delirium,[209].—In a state of delirium, he dances, gesticulates, shouts with laughter, and sings (after three hours),[16].—[**20.**] He was delirious, and without memory or recollection,[6].—***Delirium of fear, as though a dog were attacking him,**[15].—**Delirium; furious mania, requiring several persons to hold her,*[41].—Violent delirium, which was alternately mirthful, furious or dolorous, directed to some imaginary source of pleasure or repugnance, and accompanied with corresponding gesticulations,[142].—**Much excited and rather delirious,* **under the impression of some immediate danger, clinging to the person who had him in her lap** (after one hour),[138].—Delirium, with uneasy movements of the eyes and hands,[120].—**Delirious and unintelligible, the patient was busy with a thousand not unpleasant fantasies, made known his wants by gestures, without speaking, ran about for several days, busy with his fantasies, with a joyful mood,*[25].—A peculiar delirium, a very busy delirium, especially in women, followed by sopor, after waking from which, great weariness, pain in the limbs, and disinclination to think,[140].—Merry delirium, spasmodic laughter,[45].—Became delirious during the night, desired to get out of bed, but never uttered a sound. The delirium was of short duration, however, and he soon relapsed into the former insensible state,[229].—[**30.**] ***Noisy delirium, with hallucinations,**[196].—Delirium for three or four hours before collapse,[201].—Greatly excited and delirious,[98].—Great excitement,[157].—Delirium, restlessness, constant incoherent talking, dancing, and singing,[186].—In about an hour she became delirious, commenced tossing about, picking her clothes, and talking incoherently,[184].—High delirium, furious, unmanageable, talking in an incoherent manner, and inclin-

† The effects were so characteristic of Stram., that we have admitted it, though, perhaps, open to censure.—T. F. A.

ing to be abusive in her language; she could not be restrained in one position, but was rolling about the veranda as if she was blind,[180].—During the succeeding night an attack of delirium, which caused him to fall out of bed, on his face, as a consequence of this, a very abundant bleeding from the nose,[175].—Loss of mind,[18].—His mind was unsteady,[10].†—[**40.**] * *Wildness of manners,*[102].—Symptoms were somewhat of a hysterical character (after a few hours),[125].—* *Violently delirious, resembling in a marked degree, the most excited stage of delirium tremens, struggling to get out of bed, and continually rolling from side to side; she was unable to stand by herself, and, unless supported, fell forward to the ground. When her hands were not restrained, it was observed that she pursued imaginary objects in the air, or picked at the bedclothes, as in the delirium of typhoid fever,*[179].—* *The appearance of the patient suggested* **mania**, *and I might at once have pronounced it a case of delirium tremens, had I not well known the temperate habits of my patient. As I sat observing him, he suddenly turned towards the wall, exclaiming,* **"There are those bugs, help me to catch them!"** *"What bugs?" I asked.* **"There," he replied, "a long train of bedbugs, and after them a procession of beetles, and here come crawling over me a host of cockroaches." He shrank back in alarm. Then suddenly he turned to me, saying, "I believe I know they are not really bugs; but, except once in awhile, they seem real to me!"** *This scene was many times repeated,*[191].—**It was in a state of wild delirium. It was with great difficulty that the mother could hold it in her lap. It would forcibly throw out its legs and stiffen them, and at the same time throw them wide apart from each other. The arms were being constantly thrown out, as if trying to reach and get hold of something; and sometimes it seemed as if some object had been secured, and was for a moment fumbled in the fingers. The pupils were dilated and the eyes looked wild. Its cry was a kind of scream; a little froth was in the mouth; the surface of the skin was hot; the restlessness was very great,*[330].—* *Began to look stupid, seemed to forget herself, and gave incoherent answers* (after one hour); *seemed to sit like a perfect idiot, for two and a half hours* (after two hours and a half); *began to grow worse, biting a man's hand,* **sometimes crying out that she saw cats, dogs, and rabbits, at the top, sides, and middle of the room**; *at other times, with great eagerness, catching at imaginary objects with her hands, and declaring that she saw many people who were not present.* She suffered a continuance of these symptoms with little variation, and totally without rest for nine hours, being all this time restrained in bed by force in a raving and maniacal state,[37].—In about five minutes he became "wild, and didn't know any one." In ten minutes I found him seated in a chair, leaning forward on his knees, staring wildly, countenance bathed in perspiration, pupils largely dilated, talking vaguely, and perfectly unconscious of surrounding objects, pulse 90 and full, hands and arms convulsed, every few moments legs unable to support his body, and dragged after him when we tried to get him to walk,[205].—Although he changed postures a little, yet he remained stupid for six or seven hours; then he raged furiously, requiring two persons to hold him in bed; notwithstanding which, he raised himself up, tossed greatly, and seemed to catch at the bystanders with his hands, uttering incoherent sentences; at last he became sensible and more quiet, restless, and delirious by turns,[34].—She is all the time inconsolable; much affected by trifles; makes much fuss about trifles; disposed to weep, and sometimes also very easily vexed; now and then ne-

† Revised by Hughes.

glects her duties; now and then thinks she is not fitted for her position; after the fall equinox; *from the darkness, being alone, and in the morning her state is aggravated; she wants light (sunshine) and company*[54].—**The child had the look of one suffering from the effects of alcoholic drinks; an excited condition, not a moment quiet, constant motion of the hands and feet, at one time singing, jumping, whistling, with lively grimaces, and a most jovial condition, in which she sang melodies in a perfectly correct manner; at another time she became excited, beat about her, jumped out of bed, reeled whenever she attempted to stand, and when she attempted to sit up fell over to either side; the next moment she had the most vivid hallucinations; talked much in a disconnected manner, it seemed as though her tongue could not follow her chaotic thoughts*,[232].—[**50.**] Complete stupefaction and general insensibility to external impressions, only interrupted by a few transient moments of recognition; as a rule, the boy noticed nothing about him, did not recognize his parents and sisters, heard nothing and felt nothing; he seemed to be in a condition of frightful excitement, with constant mental activity, as shown by the expression of the face and gesticulations, *appearing to be occupied with the most vivid fancies, especially joyous, and, at times, frightful images;* at times, when he was able to talk, his speech consisted of the most foolish and active delirium, with prattling; sometimes he seemed to be frightened, sometimes astonished, sometimes pathetic; but it was very seldom that he uttered intelligible words, and as a rule, there were no words, only a shrill screaming and groaning or loud laughing, with attempts to sing or whistle,[233]. —**She would*, while held in her mother's lap, *suddenly start as if in terror, with outstretched arms and glaring eyes, and with such an effort that it required much exertion to hold her.* This would last but a moment, during which she would cry incoherently; then a calm would come over her, and she would laugh, grasp at imaginary objects, conveying the hand to her mouth as if eating berries, point to something on the floor, etc.,[204].—**He muttered unintelligible sounds, looked wildly around, and could not be made to do what he was told, though he apparently understood all that was going on. He kept wanting, seemingly, to clutch at some person or persons, whom he imagined were before him; but he could not use his arms, though he tried to do so* (after twelve hours),[201].—Complete insensibility, broken occasionally by a paroxysm, during which they would utter some indistinct sounds, and throw the hands about the head as if attempting to ward off some threatening evil; this would soon subside into a semicomatose state, not the stupidity, however, which results from Opium or its preparations, but rather a state of intense apathy, which persisted for a few seconds, when the delirium would again recur unless sooner produced by the efforts of those about to render assistance, when the state of excitement assumed such a form and violence as to render necessary a certain amount of restraint to prevent escape from the imaginary object which engaged the attention; occasionally they would grasp at something in the space in front, appear as if they possessed or rejected it, then turn the head as if called by a voice beside them and attempt to speak to it; ***the sound resembling a squeak more than the natural tone of the voice.** Neither of them was able to support himself alone upon his feet, but would take a step or two with staggering gait, falling to the floor as if intoxicated or in a state of complete exhaustion. **During the period of excitement the extremities were in constant motion, co-ordinate only so far as they related to the corresponding limb, yet wanting in that harmony of action which is found in those movements of a higher order*, as standing in the erect posture, walking, etc.; *there was constant action of the fingers*

as if attempting to pick something from the person or the bedclothes; at times they would burst into paroxysms of excessive laughter, which would persist some seconds, then suddenly cease; at times they would have a smile, so quiet and pleasant, that we could not but contrast it with the highly excited state previously witnessed,[193].—*Sometimes she would appear for a moment to be relieved from her anxiety, and sit silent, with her eyes fixed on the ground, as if absorbed in contemplation; *whilst her hands were employed in picking at the clothes, or anything that happened to be before her*, similar to those in the last stage of some fevers. **Then, again, she would start involuntarily, quick as if a shock of electricity had passed through her body, with an air of affright, and a loud shriek; her limbs writhed with convulsive motions, and her countenance and body distorted in every direction; apparently affected with great pain and anxiety.* At other times, in her intervals of ease, she would sing, and sometimes laugh, but could not be made to utter a word; neither did she appear to take notice of anything that was said to her. In short, the functions of her mind appeared to be entirely deranged. These paroxysms occurred at intervals of five or ten minutes, and continued about the same period. **She manifested a great aversion to fluids of every kind. When a cup of water was brought to her lips, she would instantly start from it, and sometimes relapse into her paroxysm; so great was her aversion to it, that it was with the utmost difficulty a teaspoonful of any fluid could be forced down her throat.**[40].—The appearance of the family was extremely ludicrous. The children were laughing, crying, singing, dancing, and playing all imaginable antic pranks. *They had no correct estimation of distance, or the size of objects; were reaching their hands to catch hold of objects across the room, and again running against persons and things which they appeared to view as distant.* The nail-heads in the floor were pieces of money, which they eagerly tried to pick up. A boy, apparently fancying himself undressed, caught a hat belonging to a student, thrust his foot into it, pulled with both hands on the brim, and began to fret that he could not "get on his trowsers." The parents frequently called on the children to behave themselves; but their own actions being equally eccentric, they afforded a ridiculous exhibition of family government,[109].—They turned natural fools upon it for several days. One would blow up a feather in the air, another would dart straws at it with great fury; another, stark naked, was sitting up in a corner, like a monkey, grinning and making mouths at them; a fourth would fondly kiss and paw his companions, and sneer in their faces, with a countenance more antic than a Dutch doll. In this frantic condition they were confined, lest in their folly they should destroy themselves. In eleven days they recovered, unconscious of anything which had passed,[110].—He became delirious, and knew nothing of himself until he was relieved; during this time he performed many queer antics; one time he was off to hitch up his team; again he gathered up sticks and placed them together to build a fire; then he would motion as though he would scrape lice and bugs together, shake them out of hats; pull the paper off the wall to get them out; pick them off himself and tramp them, etc.; see rats running and try to catch them; he was very talkative; did not know even his wife, nor where he was; wanted to go home, etc. (after fifteen to thirty minutes),[234].—**Screaming, catching at imaginary objects in the air, or rather striking at them, for it was evident that these spectra were of a frightful nature, since at the moment of darting out the hand in the direction where the eyes were fixed, she always suddenly, and with great vehemence, withdrew herself, expressing the utmost terror in her look; at the same*

time screaming and sobbing violently. Her eyes would, to appearance, follow the imaginary object for a moment or two, before she made the effort to escape from its supposed approach. *She rapidly became furiously delirious, struck at, pushed, or attempted to bite, every person who came near, or any object that was offered to her.* In two and a half hours she knew no person, and had been wholly insensible to surrounding objects for above an hour and a half. She remained in this condition for about three hours, when a stage of coma supervened, lasting two hours. There was a return of the excitement, but not so severe as that which first presented itself; neither was it attended by ocular spectra, or tetanic spasm,[102].—The first symptom was a high degree of exhilaration, in which she caused much merriment by her extravagant gestures and speeches. This soon became alarming, and when I was called to see her, she was laughing, crying, and singing, by turns, proceeding from one to the other state with the greatest rapidity. She occasionally started with great force and alarm, crying out that she was going to fall, when she would cling to her mother with as much desperation as if she were about to be thrown from a precipice. She would next become calm, then whistle, and afterwards point with her finger at muscæ volitantes, which she followed with the eye and hand, at last clutching at them, with an appearance of disappointment at want of success,[91].—[**60.**] The child was to all appearance happy, talking all the incoherent nonsense that can be imagined, laughing, and in constant motion; but labored under so great a debility, that it could not stand or walk without tottering, and several times in attempting it fell down; it was a perfect delirium mite,[74].—The unfortunate, after swallowing the powder (of Stramonium), remains for a long time out of his mind, laughing or crying or sleeping, for the most; even speaking to another and answering, so that you might think sometimes that he was in his right mind, although he is not in his senses, nor recognizes the one to whom he is speaking, and does not recollect the conversation when he returns to consciousness,[58].—After sleeping a few hours he suddenly sprang up with most remarkable jumping about on his hands and feet, and talking animatedly; eight hours after this he became conscious, **with trembling of the limbs, which were in constant motion; the face was red and puffy, with violent throbbing in the arteries; the pupils were extremely dilated, respiration short, rapid, abdomen meteoric and painful to pressure, tongue white and dry,*[139].—On becoming warm in bed, I felt a host of new sensations creeping over both body and mind. My whole frame was affected with a tremulous vibration, but most sensibly felt through my abdomen, attended with a prickly sensation over the whole body. My mind became extremely timid and restless, which rendered all attempts to compose myself to sleep fruitless. After a teaspoonful of elixir of paregoric, I felt every symptom getting worse; the surface of my body was bathed with a clammy perspiration; whenever I attempted to close my eyes I was assailed by imaginary spectres, in the most hideous forms and menacing attitudes; and what was still to my torment, my bed was suspended and tantalized like a feather between two floors,[92].—A clouded state of faculties, horrible obfuscation. A patient twice told me he was quite alarmed at seeing how bewildered and incapable I was; I upset everything I touched; he seemed to me to be talking out of a cloud, or as if he was a figure in a vision and not a reality, and when he ceased talking, I subsided into a sort of bewilderment, from which I could with difficulty rouse myself to attend to his case; my writing was almost an unintelligible scrawl; I lay down again till evening, dizzy and incapable, with dull

headache on vertex, but not much pain; I could not realize anything; my wife sitting by my bed seemed like a phantom, and I put out my hand occasionally, to feel if she were a real existence. Before this extreme condition of bewilderment came on, I was excessively forgetful; would begin a sentence with a perfectly clear idea of what I intended to say, but forgot all about it before I had completely expressed myself; also I used wrong words, and expressed my meaning badly. My speech was thick, as if my tongue were too large for my mouth, though I felt nothing wrong in my tongue, but only a sort of globbering articulation (ninth day),[223].—She was first discovered after drinking the tea, wandering in the backyard scrambling along the fence, as if trying to get hold of something indistinctly visible, for being called to account for her strange behavior, she could give no reply, but slavered and muttered as if drunk. She appeared foolish, had the peculiar facetious leer often observed in drunkenness. If let alone, she continued clawing everything within reach, and seemed inclined to constant motion,[166].—When asked, she said she had eaten Stramonium; this was all she remembered (after half an hour); her mother gave her medicines, but she continued dull and stupid the greater part of the day, till brought to the dispensary; part of the day she was unmanageable and talked wildly, so that her mother had to give her the medicine by force. On admission (after eleven hours), she had a wild appearance, was stupid, and unconscious of her state; when roused, she gave a foolish vacant look around,[183].—When pinched or tickled, he became very angry, and muttered incoherently, turning upon his face and kicking backward, with alternate movements of the feet,[172].—[With horrible cries he strikes at those around him, and is furious],[15].—***Hydrophobia,**[6 113].†—[**70.**] **Apparent dread or aversion to water or fluids of any kind,*[75].—**Raving, biting,*[114].—**Great desire to bite and to tear everything with his teeth, that comes before his mouth, even his own limbs,*[6].—***Excessive aversion, amounting even to rage, when it was attempted to administer any liquid, appearing like hydrophobia; he even had the spasmodic irritation of the pharyngeal muscles, so that anything taken choked him and was regurgitated,**[155].—*Rage,[19].—**Rage; unmanageable; grasping with his hands; laughing; rolling and creeping around in bed,*[27].—[Rage; he wants to kill people],[15].—[Rage; he wants to kill himself],[15].—Indomitable rage.[27].—After fifteen minutes, giddy; loss of senses; sleepy, finally asleep with more or less open eyes. When disturbed, she jumped up in a rage, and said a few unintelligible words; when others sang she commenced to dance. Her pulse was slow and full; mouth very dry; lasted twenty-four hours, without eating or drinking anything,[65].—[**80.**] Periodic raving; he attacked the people in the room with great violence and endeavored to bite them,[79].—Raving (after six hours); sometimes reasonable answers,[55].—**Raving,*[96].—**She began to cry, when her mother taking her up, she became furious, and began to scratch and bite* (after one hour),[187].—Easily excited to anger, and is then very vehement and furious (after two months); had been, previous to the poisoning, quite mild and gentle,[187].—Raving furiously; screaming, tossing his

† With other symptoms, *restlessness, violent convulsions, the patient being so violent that he had to be tied; he rolled about in his bed, sleepless, and uttered shrill screams; he was delirious, without memory or consciousness; his pupils were extremely dilated; violent desire to bite and to tear everything with his teeth; extreme dryness of the inner mouth and fauces;* **the sight of a light, a mirror, or water, excited horrible convulsions;** *irresistible aversion to water, with constriction and convulsions of the throat; froth at the mouth and frequent spitting.*—HAHNEMANN.

hands, and striking at whatever approached him,[238].—One became furious and ran about like a madman, the other died, with the symptoms of genuine tetanus,[104].—Very passionate and great feebleness (second day),—[66]. **The child wanted to bite and strike at those around her,*[241a].—**Great cerebral disturbance, accompanied with starting, muttering, occasional screaming, and catching at imaginary objects; frequent maniacal paroxysms, alternating with moaning*, apparently occasioned by the condition of the epigastrium and the abdominal distension. After emetics and purgatives, the stage of excitement passed away and was succeeded by a state of depression and strong comatose tendency,[157].—[**90.**] **They got wild, ran about the room, jumping, talking nonsense; saw chickens and cats, spoke to them, also to their toys,*[67].—After the usual treatment, for about twenty minutes, the child went to sleep, and woke in about twenty minutes, and was like a mad child; it would hold out its hands as though it wanted a glass of water, then bring them to its mouth and sup as if it were drinking water or other fluid; it would put its fingers into its mouth and even bite them, and also its mother's fingers, whenever she put them about its mouth, also screaming incessantly,[149].—Their attention could not be aroused to anything which was said, and they resisted all attempts at interference with piteous cries and violent struggling,[142].—Child so wild and restless as to be controlled with difficulty, and in raging delirium, biting with fury at those who restrained him,[155].—Very noisy when shaken, and sat up with his eyes open, with a fixed dilated pupil, quite insensible to a lighted candle,[162].—He made numerous signs which could not be interpreted by those about him,[31]. —Some had twitchings, startings, and catching at imaginary objects, and other symptoms of cerebral disturbance. In all the graver cases, the stage of excitement was succeeded by excessive drowsiness and depression of pulse, with much prostration,[159].—**Restless, uneasy, tossing, throwing herself suddenly forward; striving to get out of bed; grasping with her hands vaguely, as though under the influence of spectral illusions; picking at the bedclothes,*[171]. —**While in bed lying on right side, screamed and said that the bed was being drawn from under her, and that everything was falling on her; kept holding on to the walls;* **asked her mother not to leave her, as something was going to hurt her**; all this lasted from 9.30 P.M. till midnight, when she slept. Since then she has not liked to be left alone in the dark,[214].—**While sitting on a sofa, fancied she was falling off, kept holding on to everything;* at the same time was sick, about 2 P.M.,[214].—[**100.**] **In his conscious moments he asked to be held because he was falling,*[21].—**There seemed at times to be motions indicating that the patient thought she was falling, and used every exertion to prevent it,*[204].—***Constant staring about, then a fixed gaze** (*in one direction*) *for one or two minutes*, **with sudden startings** (*not interrupting the fixed look*) **of the arms and lower extremities, accompanied with low mutterings, then sudden and furious screaming, biting, scratching, and tearing with the hands, and kicking** (after six hours),[187].—When allowed to get up she staggered, and appeared quite blind,[171].—He hurries off too fast, with all his might, if he wants to go to another place,[3].—**Great exertion of strength; a strong man could scarcely restrain him,*[23].—[He jumps out of his bed, at night, and exclaims the disease will break forth from his head],[15].—**Constantly springing up in haste, restless, twitching, grasping about with hands and beating the air,*[132].—**He grasps at things quickly and in a hurry, and thinks he has seized a thing before touching it, and if he does hold the object, he does not feel that he has hold of it* (after four and five hours),[3].—***He makes all motions hastily,** *with great force and hurriedly, so*

that he feels an anxiety if he cannot finish them at once,[3].—[**110.**] ***From the expression of his face and movements, he seemed at times to be chasing, or fleeing from imaginary objects**,[155].—He can nowhere obtain rest, **he is terrified by fanciful delusions** (even though his eyes are open), ***they appear to him to grow out of the ground at his side, in the form of large dogs, cats, and other horrible beasts, from which he springs away to one side, with signs of terror, and cannot get rid of them**,[3].—***Continually strange objects intrude upon his fancy, frightening him**,[3].—[Frightful fancies, he sees ghosts],[15].—[Frightful delirium, as if a dog took hold of her],[15].—***He sees in general more horrifying images at his side than in front of him, and they all occasion terror** (between three and four hours),[3].—Wonderful fancies,[24].†—***The boy seemed to see black objects**, *spoke of black people and black clouds, and grasped at the air*,[153].—**The patient had a constant vision of an executioner standing before him, in spite of which he was lively, talkative, laughed, and made jokes about his hallucinations*, **yet it seemed to him a reality**,[168].—Fancied that she saw objects that did not exist, and had repeatedly a sensation of flashing light, which made her think that she saw it lighten,[36].—[**120.**] After a time the involuntary convulsive movements of the limbs and body seemed to change to more voluntary movements, as if the boy were acting in pantomime, though at times real convulsions occurred; after two hours (and after a bath) he began to move his mouth as if he wished to speak; this continued for some time, until he tried to utter articulate sounds, which became more and more distinct; the first words he spoke were, "Take care, I shall strike;" after a time he seemed to be living in a perfectly ideal childish world, with games of school, etc.; these ideas seemed to alternate in a loose way with speeches, songs, and verses, which were recited and sung in various tones; also he seemed to be eating berries, cherries, etc., made chewing motions with his mouth, and counted with his fingers; in all these acts he seemed to be playing and happy; ***all his ideas seemed to consist of mere reproductions; there was nothing original, and there were no new combinations**[144].—***She appeared occupied with hallucinations, her gaze was fixed, and she seemed trying to reach towards something which she saw**,[169].—For some days the patient was affected with hallucinations, and thought that one side of him was alive, while the other side was buried,[129].—At times, when under the influence of the poisons, she seemed to herself to be engaged in her usual avocation, and would thus thread her needle, tie the knot at the end, and imitate in every respect the routine procedure of one thus engaged,[135].‡—At one time the child seemed to hear and paid attention when spoken to, at other times paid no attention, and seemed unconscious, *and was, apparently, occupied with hallucinations and fancies*,[233].—**He walks about the room absorbed in himself, with fixed, sparkling eyes, surrounded by blue rings, but takes no notice of surrounding objects*, **but is solely occupied with the objects of his fancy**,[13].—The boy repeatedly said there were "big sores" on him (first evening),[66].—He imagines that he is very tall and large, but the surrounding objects seem to him too small,[3].—**He always imagines that he is alone, and is frightened*,[3].—After waking all things appear to him as if new, even his friends, as if he had never seen them,[3].—[**130.**] The apartment seemed all on fire,[242].—**He converses with absent individuals as if they were present, and addresses inanimate objects (as chessmen) by the names of such persons, but observes none of those standing about him*,[3].—**The things and persons*

† Add, in his sleep.—HUGHES.

‡ She is a seamstress by trade.

around him appear to be changed; although he knows at first that his friends are around him, yet he forgets it immediately after; he imagines that he is quite alone in a wilderness, abandoned; he is afraid; animals jump suddenly out of the ground sideways, so that he moved quickly to the other side, where, however, others start up, pursuing him so that he runs forward,[3].—He dances at night in the churchyard,[25].—**He jumped and danced about the bed and knocked against the wall with incessant and disconnected talking and great violence, without the slightest consciousness; he laughed, stared about him and talked in the most foolish manner,*[153].—**An incoherent delirium, imagining herself surrounded by objects that had no existence; her vagaries were of a pleasant character,* and created great merriment with the other children present,[165].—**Delirium of a lively, active, vivid character, alternating in short periods with the most apparent horrified fright, seeming to dread the approach of some imaginary monster, and giving utterance in the most piteous appeals for help, protection,*[170].—**Sings, talks, fancies that there are dogs in the room, which he describes, and attempts to chase, springing suddenly to his feet, and as suddenly toppling over;* sometimes talks of events of the day as though they were now taking place,[155].—**He sings and utters obscene things,*[18].—Great excitement continued for some time, the child sang and screamed, turned the eyes about and moved the hands for several hours, till at last he fell asleep; even the next day singing and screaming continued,[121].—He dreams with eyes open, begins to chatter nonsense, and when his friends set him right, he excuses himself, that they should have told him of it before, and immediately recommences his waking dreams and to speak to the same objects,[3].—[**140.**] He sways to and fro like a drunken man,[10].†—**Phantasmata are around him,*[10].—**Caught at the bedclothes and everything around her,*[33].—Frequently he lay down upon his knees, stretched out his arms, and groped about as though seeking something,[31].—He often raised himself on his knees, continually stretched out his arms, and employed his hands as if searching for something he wanted,[34].—Outward grasping of the hands; at times at the nose or head,[103].—She was observed to catch at the blaze of the fire in a very singular manner, and a few moments after fell on the floor as if she had been paralyzed on one side,[76].—**Constantly picking at the bedclothes and frequently bursting into violent fits of laughter,*[241].—**There was a constant reaching of the hands for some imaginary object,*[207].—**Picking at bedclothes,*[172].—[**150.**] **Picking at imaginary objects in the air,* and has a violent maniacal action (after four hours and a half),[167].—**He grasps at the air with his hands, laughs,* crawls about his bed,[27].—He would sit up occasionally, but never shut his eyes, and would sometimes catch at imaginary objects,[162].—***Quite irrational, picked the bedclothes, saw bugs, etc.** (after two hours),[154].—When left to himself, he groped about with his hands, and, touching objects, he immediately withdrew them; but when he felt himself falling he endeavored to catch at something so as to prevent it,[160].—With fixed eyes and dilated, immovable pupils, he saw nothing, recognized none of his friends, stretched out his hand around him continually, as if he would lay hold of something, and stamps his feet,[21].—**Subsultus tendinum, picking about the bedclothes, and grasping at random around her,*[165].—*The limbs were motionless and paralyzed; *the arms, on the contrary, were constantly reaching forwards and upwards, with an uncertain tremulous motion, as if the patient were endeavoring to seize some object, which he indistinctly perceived in the air,*[191].—When roused he seemed

† Revised by Hughes.

bewildered, and would not give any account of himself. He could stand when placed upon his legs; but groped about and caught at imaginary objects, as patients are observed to do in cases of poisoning by Belladonna,[161].—Next morning, got up two or three times, and went to bed again each time,[66].—[**160.**] He jumped from his bed at midnight, and ran about the room, caught at every one as he passed them, said a man was chasing him, and repeatedly said, "You shan't have me,"[66].—When his father got him to recognize him, the boy said, "Why, papa, is that you?" and commenced stroking or rather clawing with his fingers at his father's face,[66].—**Talkative mania; he complains that a dog is biting and tearing the flesh of his chest,*[1].—**Much talking, with difficult speech,*[79].—[Paroxysms of constant talking, or of rage, or he breaks into loud laughter, or he acts as if he were spinning],[15].—**During catamenia excessive loquacity,*[15].—**Continual incoherent talking,*[207].—Constant talking and yet unable to articulate a syllable,[155].—After being put to bed, the child began to sing and talk in a confused manner; she talked incessantly and unintelligibly, and frequently cried; she constantly beat the air with her hands as though trying to grasp something or searched about the bed with the fingers,[130].—They lie in bed stupid, with a muttering delirium,[134 135 136].—[**170.**] **Talked foolishly,*[154].—As the boy began to improve he endeavored to answer, but after speaking two or three words, he again became incoherent, and returned to his wild delirium,[153].—Constant muttering, seeming desirous to say something to his mother, but unable to articulate,[151].—**Speech much confused and incoherent, and he was totally unconscious of what was said to him,* **shuddering and seeming much frightened,**[160].—Muttering incoherently, and unable to reply to questions,[171].—Muttered frequently,[34].—**Constant muttering,*[23].—The mental power was especially disturbed; the patient stammered incessantly and unintelligibly; shed tears and seemed to be suffering from the most violent pains,[89].—**Muttering to himself,*[23 31].—Stuttering and uttering of inarticulate sounds,[6].—[**180.**] **Prattling incessantly without any sense or understanding, and without any connection,*[152].—He talks with a person whom he does not know, and answers that person as if he were in his senses; but, on coming to his senses, he does not recollect the conversation,[9].—He talks little, and utters single, broken words with a higher voice,[3].—[Screams until he is hoarse; until he loses his voice],[15].—Crying, and in an almost convulsive state of agitation,[174].—She was brought home by a friend who found her wandering in the bazaar. At the sight of her mistress she first began to cry, endeavored to hide herself, and was afraid of every one who approached her; she picked at the air with her fingers, sometimes was laughing, at others crying and rushing away to hide, as if apprehensive of some evil,[185].—Inarticulate cries,[169].—Sobbing and whining after the menses,[15].—Moaning,[158].—**Delirious laughing, making faces and behaving generally like an intoxicated person or like a fool, pulling his clothes, making laughing grimaces, with a staring look,*[144].—[**190.**] Occasional laughing for an hour; after the hour she cried, about 11 A.M.,[214].—The boy was inclined to smile and jest (after a few hours),[66].—**Excited; commenced to sing; confused talk, continued unintelligible talking; grasping in the air and scratching with hands on the bedcovers,*[60].—Aberration of the reason, laughing, whining,[61].—A disposition to laugh, and there was a half smiling look all the time,[231].—He thought he was dying and would not live through the evening, he was glad that he was dying, and made preparations for his funeral, with otherwise perfect reason, and without feeling remarkably sick,[1].—In the evening after lying down in bed, *very sad, with thoughts of death and with violent*

weeping,[1].—Sadness,[29].†—Feels as if nothing could give her enjoyment,[200]. —Depression of spirits, indisposed to converse (third day); buoyancy of spirits (fourth day),[236].—[**200.**] Despair,[1].—Peculiar sensation of anxiety,[45]. —Great anxiety,[85].—Anxiety,[78].—Inclines to start, irritable (after thirty-two hours),[3].—***Often starts up in affright,**[21].—***Fear of being in the dark and to a less extent of being alone, in the evening after sunset** (tenth day),[218].—***His whole conduct and countenance was like that of a child severely frightened and apprehending some terrible calamity,**[1].—Extreme watchfulness,[162].—Very ill-humored, even unto vehemence, followed immediately after by a disposition to laugh, even loud,[1].—[**210.**] The peevishness and fretfulness lasted for about six weeks,[66].—When spoken to he appeared peevish and irritable, and answered by a sharp cry, or said sharply, "Let me alone," all his words being curtailed in a curious way,[162]. —Out of temper; irritated all day (second day); very irritable (third day),[188].—Great depression of sensation and irritability in general,[116].—I felt very nervous, excited, and irritable, and continually paced up and down my room,[194].—Exceedingly irritable and fretful, nothing pleases him next day; quarrelsome with his brother and sister,[66].—Great irritability of temper (after half an hour),[102].—Increased irritability (after 200 drops),[133]. —Extreme irritability; he makes all his motions so fast (during the first hour) that finally he cannot move any more and all turns black before his eyes,[3].—[Continual violent scolding; senseless quarrelling],[15].—[**220.**] Rapid alternations of laughter, weeping, and singing,[150].—Extremely variable humor,[232].—***Intellectual.*** *Not disposed to any real work*,[61].—Would not answer questions (after one hour),[203].—Confusion of mind and continual reaching out for imaginary objects (after three hours),[236].—**Confusion of intellect* (after four hours),[198].—From the senses it extends its influence to the mental faculties. The imagination is confused and disturbed with fear. Terrifying apprehensions perplex the mind and impress on the countenance the image of this passion,[39].—Dulness of mind (after first dose, second day),[219].—Intellect affected,[93 231], etc.—Confusion of intellect, he laughs and moans,[9].—[**230.**] Confusion of mind,[5].—Great confusion of ideas (third day),[188].—As the patient began to improve she found it difficult to speak the right word in answering,[120].—When writing, put letters in wrong place and omitted them (ninth day),[218].—When speaking, put words in the wrong place, and made mistakes in spelling when writing (third day),[210].—**After several pipefuls, he would begin to call things by wrong names, e. g., his boots, logs of wood; his bedroom, the stable, etc., and this without knowing it; and is is remarkable that he almost always miscalled the same things. He was a very small drinker, and always remembered the subject of his conversation, but not language.* After sound sleep, he would regain the power of speaking intelligibly,[243].—When about to look for a symptom in repertory, could not think for some time what I had intended to do (sixth day),[218].—Activity of mind peculiarly disturbed, patient stammering unconnected words all the time, shedding tears; all the symptoms seem to indicate much suffering,[68].—Was able to answer only in a disconnected and lolling manner,[168]. —Memory disturbed for a long time after the poisoning,[140].—[**240.**] Rather inclined to be forgetful; forgot where a paper had been put a day or two ago; hunted for the spectacles and found they were in my hand all the time (eighth day),[223].—The loss of recollection appears connected with an inward uneasiness, and to proceed from it,[1].—Diminished memory,[1].—Ab-

† Add, at first.—HUGHES.

sence of mind, twenty-four hours; bland delirium,[19].—In the intervals of half consciousness he is cognizant of his waking dreams, but at these times cannot remember what he did or said in the previous lucid interval,[3].—She remembered nothing afterwards, not even her wandering in the bazaar,[185]. —**Loss of memory*,[96 201], etc.—**Stupefaction*,[19 87 103], etc.—**Stupefaction, from which he at times started up in a wild manner, opened his eyes, which were partly closed, but could not keep them open; spoke disconnectedly, quarrelled with his mother, whom he did not know; his face was very red, cheeks glowing hot, with dry heat over the whole body; at times he moved his lips and tongue, called for liquid; throbbing carotids, full, very rapid pulse, rapid respiration; pupils excessively dilated, insensible; swallowing difficult*,[192].—Stupefaction of the senses; some always laugh, but hear and see nothing, although they always have it before their eyes, they also speak well and answer all questions, although the whole is like a dream to them,[13].—[**250.**] Obscuration of all the senses, with anxiety, followed by shivering on the back with sweat,[15].—Deep stupor, for an hour and a half,[125].—Stupor, anxiety, convulsions of the limbs and involuntary weeping, with an elderly woman; increased very much by drinking coffee, soon cured by vinegar,[1].†—Dulness of sense, loss of reason,[23].—He went to bed after taking a dose, at 7 A.M., and never woke till 11 A.M.; he was then drowsy and incapable of understanding what was going on around. When brought to the dispensary, he appeared as if under the influence of spirits, with strong fever. He was dull, sleepy, and stupid for two or three days, with remains of the fever and excitement,[181].—**He does not seem to notice the objects around him, and he really does not notice them*,[3].—After waking, he does not recognize anything around him; he takes his book and goes to school, but he enters by the wrong door (after six hours),[3].—She did not recognize her friends during the paroxysm; and afterwards retained no remembrance of the occurrence,[204].—Sitting half unconscious, the upper body bent backwards; gagging and pushing out of his mouth a white froth; lips bluish, swollen; lids closed; eyes dim; pupils dilated. Suffered great thirst, and complained of general lassitude and great weariness. Vinegar; next day better,[71].—Patient recognizes no one, paid no attention to the loudest calls, constantly turned the head from side to side,[120].—[**260.**] He was quite insensible to sound, seeming not to hear the loudest talking; rousing and shaking him had no effect; his eyes were partially open, and the pupils more dilated than I ever have seen. The stupor was of a drunken kind; there was no disposition to sleep, but a constant restlessness and turning of the body, attended by a most peculiar fidgety manner of twisting the fingers and catching at some imaginary object. This was varied now and then, by grasping the bedclothes very tight; his body was warm, more from this exercise of the arms than any other perceptible cause; the tongue was always rolling; the pulse rather quick; and the patient often shrank, as if suffering from a creeping sensation over his body,[141].—He found the child in bed unconscious,[208].—Quite insensible; in two hours the pupils were fixed and dilated; all the muscles of the body convulsed, the countenance flushed and the pulse full and slow, two hours after,[70].—He remained perfectly unconscious and could not be roused, paid no heed to the loudest shouting, did not feel the smartest pinching; while the arms and legs, when lifted, fell flaccid and lifeless (after seven hours),[201].—Great insensibility of all the senses,[25].—Stupor in a few hours, soon followed by obstinate insom-

† Taken from Hering.

nia, and in one case delirium tremens,[198].—She was unable to take any food, to see, hear, speak, or feel,[241].—Insensibility,[29 54], etc.—Complete insensibility, unable to swallow any fluid, or to be aroused sufficiently to take the least notice of me or her friends,[98].—Sopor alternating with delirium,[150]. —[**270.**] Deep sopor, followed by death,[163].—Complete insensibility (after two hours),[81 197].—Nearly comatose,[178].—Coma,[103 117], etc.—Profound coma,[99]. —Comatose state, he appeared stunned and his resolution was impaired,[115].

Head.—Confusion and Vertigo. Confusion in the head,[22 129].—Head confused and befogged for many days,[73].—* *Vertigo*,[15 29 78], etc.—Vertigo, with diarrhœa,[15].—[**280.**] Vertigo, with redness of face,[15].—Slight vertigo, with feeling of falling to the *left*, when standing after sunset, at 9 P.M. (sixth day),[216].—Slight vertigo, or rather an exhilaration of spirits,[97].—Vertigo, with staggering gait,[168].—Vertigo, and flickering before the eyes,[71]. —Vertigo when standing (after four hours),[240]; (eighth day),[220].—Vertigo; staggered as if drunk; feared he should fall on his head, and that he was about to lose his senses (soon),[34].—Vertigo; the head feels as if drawn backwards, at the same time he is excessively sleepy,[1].—Vertigo, want of thought, four mornings in succession, after rising from bed; he has but a dull and distant recollection of things (weakness of memory), and he sees as if through a gauze, for two hours,[3].—Vertigo, headache, dimness of vision, violent thirst, viscid mucus in the mouth, rumbling in the bowels, and pain in the epigastrium,[15].—[**290.**] Vertigo, with pain in the abdomen and obscured vision, like a veil before the eyes,[15].—Vertigo, so that he staggers hither and thither, as if drunk,[10].—Vertigo almost immediately; he went into the open air, but had walked only a few paces when he reeled like one intoxicated, and almost lost his senses,[31].—In middle of day, while reading in open air and walking, sudden dizziness, staggering, as if he would *fall forward and to the left* (fourth day),[225].—Grew giddy and fell to the ground,[182].—She became giddy and staggered,[184].—Some giddiness during the first two or three days,[122].—Giddiness, when writing by gaslight, at 8 P.M. (first day),[219].—He becomes giddy when sitting and standing in the room; he reels,[3].—Giddiness, dilated pupils, flushed face, glancing of the eyes, and incoherence, so that he seemed to his friends to be intoxicated, and subsequently there was incessant unconnected talking, like that of dementia,[46].—[**300.**] Giddy, when kneeling, at 9.30 A.M.; when sitting, as if the head went round to the right, at 10.45 A.M. (sixth day),[221].—When being put to bed, felt giddy in forehead; could scarcely see anything; all seemed dim, about 9 P.M.,[214].—Giddiness when walking; unsteady walking and faint feeling, so that I was obliged to go into a shop and sit down (second day),[210].—*Drunkenness* (after eight hours),[1 6 18 198].—Drunkenness and heavy feeling of the body (after one hour),[1].—Drunkenness, with thirst, and a profuse flow of burning urine,[15].—The next morning all appeared in a state of intoxication, and two died,[106].—She resembled one intoxicated next morning,[135].—Staggering,[23].—Staggering when he walked,[2 140].—[**310.**] Although he staggers, yet the limbs obey the will so readily that he feels as if he had none; they seemed to him much longer than they were, so that when walking he thinks he has already touched the floor, when the foot is yet six inches away from it; hence he always puts down the foot too quickly,[3].—Tendency to stagger backwards, at 9.45 P.M. (sixteenth day),[219].—Staggered in attempting to walk, and would have fallen but for support,[143].—Staggered and appeared as if intoxicated (after half an hour),[81].—She staggered on attempting to walk, and occasionally there was a convulsive starting of the lower limbs and a backward flexure

of the spine,[231].—Unsteady, half-staggering feeling while walking, in the evening; it was a very slight swaying to either side or forwards, like drunkenness (seventh day); occasional staggering when walking (eighth day),[223].—**Staggering to left in a dark room*, after sunset (after twelve hours and a quarter),[218].—Staggering backwards when standing after going downstairs, at 6.45 P.M. (sixth day),[216].—**Unsteady when walking in the dark, with tendency to fall backwards, in the the evening after sunset* (sixteenth day),[215].—**In the evening, after sunset, unsteadiness when walking* (first day); at 1 P.M., *walked somewhat in a circle to the left* (second day),[210].—[**320.**] He is unable to walk alone; he falls unless he is held,[21].—Reeling gait,[117 144].—Reeled as though intoxicated (soon),[194].—He reels about the room and seems to be seeking something,[3].—He stumbles against the door whenever he goes through it,[3].—***General Head.*** The head began to swell with the internal feeling of fulness, as if ready to burst (after third dose),[127].—After the swoon there remains a spasm of the head to either side, with redness of face,[15].—[Convulsive drawing of the head, with grinding of the teeth],[15].—[Convulsive drawing only of the head and eyes, with snoring],[15].—[Convulsive drawing of the head only to both sides, with crying out; raising of the arms over the head],[15].—[**330.**] Frequent rolling and turning the head, as if in search of its parents, with wild screams; *desire to escape* (after four hours),[240].—[Moving of the head hither and thither, interrupted by hiccough],[15].—[Early in the morning moving of the head hither and thither, with excessive thirst],[15].—Frequent raising of the head from the pillow,[23].—Apoplexy,[7].—Smoking St. James's weed for asthma disposes to apoplexy,[56 57].—***Rush of blood to the head,**[27].—***Violent congestion of the head** (after half an hour),[100].—Stupid head, with dim vision,[15].—Stupid feeling in the head,[1].—[**340.**] She feels dull, stupid in the head, and almost insensible and indifferent to everything and everybody around her,[200].—Dulness of the head,[2 82 133].—Heaviness of the head,[30 87].—Head full and heavy (after twenty minutes),[143].—Weight on the head,[124].—Dreadful sense of weight in the head (after two hours),[124a].—Woke in the morning with an uncommon dull heavy pain in head,[32].—Numbness of the head, attended with vertigo,[39].—A disagreeable lightness, with a weak feeling, in the head,[1].—Weakness of the head,[15].—[**350.**] Headache,[15 45 145], etc.—Headache and vertigo,[120].—Considerable headache,[37a].—Headache, with anorexia,[15].—Alternate headache and tumefaction of the abdomen,[15].—Headache, with dizziness, and a feeling of heaviness of the head, alternating with lightness, and a disposition to faint,[143].—Slight headache, lasting all day (after five minutes); headache, still on waking (second day),[222].—Headache every day at two different times, late in afternoon and evening and early in morning, waking me before sunrise, about 4 A.M.; it was a rather severe pressure on vertex; I woke always at the same time, with the headache, lying nearly on the back, with an inclination to the right side, and my arms, one or both, especially the right, violently stretched up vertically and bent across top of head; so severely were they stretched as to make the muscles of upper arm feel strained and rather bruised; this elevation of the arms on waking continued for ten days; the last time it occurred, I detected myself gently raising my arm in the act of waking; this time there was no straining of muscles (after twelve days),[225].—General dull headache, worse over eyes; head feels heavy (ninth and tenth days),[226].—*Violent headache*,[11 15 108 195], etc.—[**360.**] After a restless sleep, violent headache, vertigo, running of tears, and salivation,[15].—Severe headache and toothache, with profuse flow of tears,[15].—Giddy headache, with fainting,

and thirst,[15].—Squeezing headache,[1].—In the evening dull headache, not definitely localized (third day),[223].—Constant dull pain in entire head, deep in brain (fourth and sixth days),[223].—Great pain in head (second day); gradually wearing off (third to ninth day),[189].—The boy complained of his head *hurting* him (after two hours),[66].—Pain, vertigo, and great confusion in head,[97].—Pain in the head and pelvis,[15].—[**370.**] Pain in the head and eyes,[15].—Dartings through the head in different directions, extending to the balls of the eyes, and down right side of nose (after five hours),[146].—Felt as if fire mounted to the head, and also affected the stomach (after five minutes),[111].—Severe throbbing headache (fourth day),[241].—Constant throbbing in the head, deepseated (after six hours),[146].—Sense of fulness in head (after nine hours),[146].—Heavy beating in arteries, felt particularly in head and chest, at 7 A.M. (second day),[146].—***Forehead.*** Slight frontal headache on waking and during morning (sixth day),[219].—Slight frontal headache (*right* side), in morning (seventh day),[219].—Dull frontal headache, chiefly on right side, in room, in evening after sunset (fifth day),[216].—[**380.**] Dull frontal headache, in room, at 4.45 P.M. (sixth day),[216].—Constant dull frontal headache, not severe (eighth day),[223].—Frontal headache nearly all the morning (second day),[210].—Pain in right forehead for forty minutes (after five minutes),[211].—Frontal headache, at 11 P.M. (fifteenth day); in morning (seventeenth day),[219].—6.50; since 5 P.M. frontal headache, which is now worse on walking in the open air, better in an hour when at rest indoors (first day),[210].—Pain in right forehead (after one hour and thirty-five minutes); continuing at times till to-day (fifth day); in the afternoon (tenth day),[215].—Tingling feel, as if pins and needles were in her forehead,[200].—When walking in the open air, sudden pain over *left* eye, also felt at the same time, but to a less extent, in opposite part of occiput; the pain over the eye lasted the longest, at 9.50 A.M. (sixth day),[219].—Beating in the forehead and balls of the eyes,[146].—[**390.**] In evening, after mental work, painful pulsative throbbing in the forehead (third day),[225].—On two occasions a sudden attack of quickly-repeated painful throbbings in *left* forehead, lasting a minute each time, while indoors, in the evening after sunset (fifteenth day),[219].—***Temples.*** Pain in right temple, sticking and stabbing at 8 P.M.; felt until I fell asleep at 11 P.M. (first day); the headache was in both temples, shooting to the back of the head, with considerable thirst (second day),[188].—Slight pain in the right temple (eleventh day); disappeared (thirteenth day),[189].—Shooting pain in right temple for three-quarters of an hour (after three hours and a quarter),[211].—Throbbing headache in the right temple, with diarrhœa,[15].—Great throbbing in the temples, more particularly on the right side (after third dose),[127].—***Vertex and Parietals.*** Kept in bed till 4 or 5 P.M. on account of a severe pressure in vertex, which seemed affected by nothing, but made me unwilling to get up (twelfth day),[223].—A sudden attack of quickly-repeated painful throbbings in *right* anterior vertex, for a minute, and again to a slighter extent afterwards, while indoors, in the evening after sunset (twenty-fourth day),[219].—**Beating in the top of head and forehead*, felt also in eyeballs (after nine hours),[146].—[**400.**] Pain in right side of head, varying in severity, worse from pressure; scalp there tender to pressure, worse on walking, not worse on shaking head, better by leaning head to right side; at one time there was also shooting inwards in the same place; the tenderness lasted longest (for two hours and a half), (after two hours),[212].—***Occiput.*** Pain in occiput, during the sudden pain over left eye, at 9.50 A.M. (sixth day),[219].—Occasional, sometimes throbbing, pains in *left* occiput, at 12.15

P.M., for half an hour (a quarter of an hour after third dose), and at 8.12 P.M. (first day),[219].—Occasional, sometimes throbbing, pain in right occiput (one hour after first dose, second day),[219].—Throbbing in right occiput (sixth day),[218].—***External Head.*** The brow was corrugated,[191].—The skin on the forehead is wrinkled; the eyes stare; the whole face looks wild and frightful (after three hours),[3].

Eye.—Objective. Swelling of the eyes, with much dilated pupils, and contortion of the eyeballs in every direction,[35].—The whites of the eyes and margins of eyelids red; profuse lachrymation,[3].—**Eyes injected with blood*,[109].—[**410.**] Sclerotic coat of the eyes of a pink color, left eye most discolored, at 9 P.M. (after two hours),[66].—Redness and swelling about right eye,[200].—Eyes inflamed and weep much, particularly the right eye (second day); right eye weeps very much, left eye a little (third day),[185].—Cornea very bright,[193].—Dark color around his eyes (third day),[66].—Blue margin around the eyes (second day),[64].—Eyes close, and it becomes black before them,[3].—Eyes half closed and listless (after fourteen hours),[81].—Eyes closed, with pupils dilated,[163].—***Eyes wide open, prominent; pupils exceedingly dilated, insensible, with injected conjunctiva, as if the vessels were filled with dirty liquid,**[120].—[**420.**] Eyes open; pupils dilated to the utmost (after one hour),[203].—The eyes were open, but he took no notice of anything or anybody about him, and when objects were held before his eyes, he could not see them,[161].—**Eyes open; pupils widely dilated and fixed and insensible to the strongest light, but the patient was unconscious of everything going on around him, vision being quite lost*,[160].—**Squinting of the eyes*,[108 117].—Eyes protruding; lids half-closed,[89].—Staring eyes,[23 90 150 192].—Eyes have a staring look at one time, at another are unsteady, wavering,[232].—Eyes staring stupidly,[171].—Eyes staring, swollen, and sparkling; pupils greatly dilated and immovable (after six hours),[187].—Eyes staring and brilliant,[142].—[**430.**] Eyes protruded; pupils dilated; eyelids half-closed; power of vision lessened,[68].—Sparkling eyes; he complains of the rays of the sun dazzling him, with loss of appetite,[15].—After dim vision, lippitudo,[15].†—Eyes glistening,[18 79 101].—Eyes of a peculiar dazzling lustre (after one hour),[138].—Eyes bright; pupils dilated and insensible to light,[130].—Eyes lively; pupils insensible to light,[60].—Eyes sparkling,[233].—Eyes glistening and in constant motion,[209].—Eyes glittered and rolled about (in five minutes),[177].—[**440.**] Eyes glistening, staring, with dilated and insensible pupils,[168].—Eyes glassy bright; pupils dilated,[158].—Seven out of the fifteen children in the institution had brilliancy of the eyes, not very remarkable in some, but in others a rapid dilatation,[159].—Eyes of a glassy brilliancy, with the pupils much dilated,[157].—Rolling of the eyes,[103].—**Eyes restless, glistening, wide open, staring, with a peculiar intoxicated look*,[132].—**Eyes unsteady, with greatly dilated pupils; the conjunctiva injected*,[119].—Eyes unsteady,[107].—Eyes dark and dull,[31].—Eyes dull and heavy,[34].—[**450.**] Eyes haggard and sunken,[169].—***Subjective.*** Eyes almost bursting from their sockets, so widely were they opened; the iris almost, if not quite, invisible from the intense dilatation of the pupil,[204].—Sensation of pressure in the left eye,[168].—Pressure and tension in both eyes for six days (after two hours),[2].—The greatest sensitiveness to the daylight; lachrymation (after twenty-four hours),[3].—Feeling in right eye as if water twitched about in it (third day),[227].—Burning of the eyes, with dim vision, and profuse sweat,[15].—Sudden coldness in *right* eye, for a few minutes, at 11.50 A.M. (sixth

† Revised by Hughes.

day),[216].—Shooting in left eye, from without inwards, and a feeling of a foreign body in it (fourth and fifth days),[213].—Pricking in the eyes (after two hours),[124a].—[**460.**] Itching and feeling of sand in right eye, relieved by rubbing (first night),[216].—***Lids.*** Eyelids swelled and closed,[35].—Swollen and inflamed eyelids,[1].—Agglutination of the eyelids, at night,[15].—[Suppurating eyelids],[15].—The upper eyelid hangs down, as if caused by a cramp of the orbicularis,[3].—Eyelids slightly drooping,[193].—Midnight, in bed, felt quivering, like live blood, in right upper eyelid (fourth day),[225].—Pressure in the eyelids as if swollen, which is really the case, or as if oppressed with sleep; hence a great disposition to sleep, which he is, however, able to overcome (after three hours and a half),[3].—Feeling of sand in outer segment of *right* eye, relieved by rubbing, removed by drawing upper lid down over eye, with redness and lachrymation of right, indoors, in the morning, and lasting till 1 P.M. (seventh day),[221].—***Lachrymation.*** [**470.**] Lachrymation of both eyes,[15].—Tears collect in the eye, not running over the lower lid,[50].—Lachrymation of the right eye,[15].—Lachrymation of the left eye,[15].—Tears run against his will,[1].—Tears flow without consciousness,[15].—Tears collect in both eyes, with obscuration of vision,[15].—Running of tears after a restless sleep,[15].—Profuse flow of tears, with severe headache and toothache,[15].—[**480.**] Suffused eyes,[102].—***Conjunctiva.*** **Conjunctiva injected*,[107 137 178 193], etc.—Conjunctiva of both eyes intensely red, as crimson,[151].—Conjunctiva highly injected, with a total insensibility of pupils,[134 135 136].—The conjunctiva was injected; the pupils immensely dilated; the whole expression of the eye was brilliant, restless, suspicious, and roving,[191].—Fulness of bloodvessels of conjunctiva and sclerotica; the eyes look red, particularly near the internal canthus (after thirteen hours),[146].—***Ball.*** Feeling of enlargement and protrusion of eyeballs (after three hours),[146].—Feeling of soreness in eyeballs on turning them (after thirteen hours),[146].—Throbbing in eyeballs, worse in left one, with lachrymation, at 11 A.M. (second day),[146].—***Pupil.*** ***Dilated pupils*,[3 29 33 45], etc.—[**490.**] The child, when better next day, was reminded not to eat such things again, and immediately the pupils widened very much,[64].—**Dilated and immovable pupils*,[23 27], etc.—Pupil nearly fully dilated and utterly insensible to light; a lighted candle could be so held as almost to singe the eyelids, without inducing contraction of the iris and without attracting the patient's notice,[155].—Pupils so extremely dilated that no iris can be seen (after three hours),[164 165 170].—Pupil of eye enormously dilated, more so than I have ever seen from the full action of Belladonna; perfectly blind, the full flash of gas failing to produce the slightest contraction of the pupil (after two hours and a half),[167].—Pupils insensible to light, and so strongly dilated as to leave visible merely a rim of iris,[178].—Pupils immensely dilated, with redness of the eyes (after four hours),[240].—An unusual dilatation of the pupils and a remarkable squinting of the right eye,[76].—Pupils excessively dilated; conjunctivæ injected, bluish,[144].—Pupil of right eye dilated to at least three times its natural size, and the left had no preternatural appearance,[92].—[**500.**] Pupil of eye extremely dilated, with apparently total blindness,[207].—Left pupil more dilated than right (thirty-second day),[215].—On separating the eyelids, the pupils of the eye were found to be much dilated; the eyes themselves convulsed,[35].—Extremely dilated pupils, with darkness of sight,[6].—The pupil of my eye was very dilated (even for thirty-six hours after), and I was at one time nearly blind. The next day I could scarcely see, and was quite unable to read a book. For three weeks after, I had a very sensible pulsation over my right eye, and

even now I seem to feel the effects of the poison in my eyes, my sight being at times quite dim, although five weeks have elapsed,[194].—Dilated the pupil of one eye and produced temporary paralysis of the lids,[105].—"Contraction of the pupils,"[52 118].—After drinking vinegar, the pupils became extremely contracted,[3].—Pupils rather contracted (third day),[223].—Pupils so contracted as scarcely to be discernible, smaller than I have ever seen in a cat's eye (after seven hours),[201].—[**510.**] Much contracted pupils; they do not dilate in the dark; all things appear to him smaller and at a greater distance, like one dazzled by the light (after thirty minutes),[3].—***Vision.*** Could see better at beginning of twilight,[50].—**Dimness of vision*,[15 45 70 95].—Dim vision, with thirst and sweat,[15].—Dim vision, with great thirst,[15].—Dimness of sight, as though the atmosphere was foggy (after six hours),[146].—Dim vision almost every morning, as if a gauze were before the eyes,[15].—Dimness of vision, followed by vertigo and headache,[15].—Darkening of sight, with rumbling in the abdomen,[15].—Dulness of vision, like a fog before his eyes, as if he saw things through a glass of turbid water; things seem dissolved and too distant,[1].—[**520.**] Impairment of vision, the pupils being greatly dilated,[209].—Impairment of vision,[145 197 203 231].—Vision became weak (after 100 drops),[133].—Partial blindness, with a greatly dilated pupil,[143].—Impossible to thread needle on account of defective vision (in twenty minutes),[143].—Almost complete blindness for six hours; and as the secondary effect, on the days following, a pressure as from the middle of the eyeball at every change of light, either when going into the sun or suddenly into the dark,[1].—The senses of sight and hearing vanish,[19].—After the contents of the stomach had been emptied he gradually rallied, opened his eyes, and stared wildly about him, though evidently unable to see anything, the pupils still intensely contracted, and on waving the hand before them, he never blinked or took the least notice,[201].—Total blindness, lasting two days, from the vapors in preparing the extract,[53].—Complete loss of vision,[97 143], etc.—[**530.**] Amblyopia,[71].—Photophobia to gaslight indoors, in the evening after sunset (second day),[221]; (sixteenth day),[222].—Long-lasting far-sightedness; he was only able to read print at a great distance,[15].—Double sight,[15 140].—Double sight; things awry; he sees small things at their places, but a little higher or sideways a second image,[2].—Obscuration of vision; double vision remained for a long time after the poisoning,[140].—All objects seem double,[120].—At times only portions of objects can be seen, at other times they seem double (third day),[120].—Double and confused vision (immediately),[83].—Perverted vision (after four hours),[198].—[**540.**] Illusions of vision,[140].—If the hand was held before the eyes, he felt for it at varying distances,[172].—Distant objects are indistinct, after some extract in the left eye; afternoon, distant objects clearer; nearer, indistinct, but looking awhile to the same spot or in the distance, the objects become distinct,[50].—False sight; all things appear oblique,[15].—When going downstairs, he takes two steps for one, and is not aware of it until he falls,[3].—**The second day the child* **complained that it was dark and called for light; the pupils seemed dilated,**[90].—Darkening of sight; could not read nor see the thread when spinning,[71].—Obscuration of sight,[15 22].—Every morning obscuration of vision,[15].—***Complained of its being dark, wanted a light (candle),** (second day),[15].—[**550.**] Extreme obscuration of vision,[15].—Cloudiness of vision, as though she had a gauze before the eyes,[200].—He sees things as if through coarse linen, only by pieces, and as if cut up; for instance, of a face he saw only the nose, etc., as if the eyes had but a small circle of vision, and he was able to see only a small point at once,[1].—Taking a book

to read, he cannot distinguish the letters, not even the lines; it is all dark and flickering, but after awhile everything becomes clearer, and finally he can read,[50].—Sight troubled; could not focus the letters of MS.; the letters looked confused; distant objects not affected (third day). The same dulness of vision for small objects near the eye; the lines of letters written look double (fourth day). Great presbyopia; obliged to use the spectacles of an old person, and then can read and write as usual, otherwise cannot read a word; distant and large objects are seen as well as ever, but small and near objects are completely confused (sixth day). Presbyopia continued (seventh and ninth days); the presbyopia ceased two days after medicine was left off; while it lasted, I had to wear spectacles when reading or writing,[223].—Afternoon, when reading print, letters seemed indistinct (first day),[222].—When reading, he was unable to distinguish a syllable; the letters seemed to move and become blurred,[1].—During the contraction of the pupils, caused by drinking vinegar, all objects appear to him very small; distant objects he can hardly see, but on looking at the sun, the pupils remain immovable, and all turns black before the eyes,[3].—Things always appeared to him to be in an oblique position,[1].—The black letters seem to him gray, and as if a second one of the same kind and of a light-gray color were placed sideways or above (a kind of diplopia); for example, "$^{F}{}_{F}$;" writing an F, to show it, he *went with the pencil the second time over the same line, supposing to have drawn a second one*,[1].—[**560.**] Black things seem to him gray,[2].—He seems to see a reddish-gray border around white things, for instance, around a piece of paper,[1].—Smoky appearance of the atmosphere,[92].—The first sensible effect is in the sight; there appears a preternatural dilatation of the pupil of the eye; vision is rendered indistinct and confused; objects appear multiplied, diversified, and variously colored; the patient complains that he cannot see clearly; he cannot discern a small object, such, for instance, as the point of a pin or needle; he sees in the room objects which do not exist, and complains of a numbness of the head attended with vertigo,[22a].—Hallucinations of vision, with dilated pupils,[232].—After dark, when walking in open air, transient dark-blue spot before the eyes, at 9 P.M. (eighth day); lilac-colored spots before eyes, when looking at the nearly white paper of wall, in the evening (tenth day),[218].—Transient bright-blue spot before left eye by gaslight, when lying, at 8.10 P.M. (first day); at 8.30 A.M. (sixth day); dark-blue spot before eyes in a dark room (eighth day); bright-blue spot (thirteenth and twenty-seventh nights); bright-green tremulous spots before closed eyes low down in field of vision (twenty-seventh night),[219].—Transient blue spot before *left* eye, while lying in bed on right side in dark room (first, fifth, and seventh nights),[220].—Transient blue spot before eyes twice when in a dark room (first night); bright-blue spot when looking down, at 10.40 P.M. (twentieth day); large blue spots, twice by daylight, in the morning (twenty-fourth day),[221].—A transient bright spot before *left* eye, apparently a long distance off, when looking into air, sitting indoors, and turning head to left (after four hours and five minutes); in a gaslighted room (second day); at 12.10 P.M. (seventh day); in a dark room at 11.30 P.M. (eighth day); at 11.50 A.M. (ninth day); on looking at nearly white wall-paper, at 5.10 P.M. (sixteenth day); at 12.30 P.M. (nineteenth day); in the morning (twenty-fifth day); before left eye in a dark room (twenty-fifth night),[221].—[**570.**] Transient bright spot before *left* eye, while lying in bed in dark (eighteenth, twentieth, twenty-fourth, and twenty-seventh days),[219].—Whenever I looked up to the sky, saw in the sky a large bright spot of various forms, once a

crescent, once a vertical long bar, several times repeated, at 1.50 P.M. (second day); bright spot before *left* eye on suddenly turning head to *left*, while lying in bed in the dark a little before midnight (third day); bright spot before *left* eye on turning head to *left*, while lying in bed in the dark before daybreak (fifth day),[216].—Transient bright spots before eyes in the dark, in the evening after sunset (twentieth and thirty-sixth days); one very large, somewhat to left of line of vision, when turning head to left (lying in bed), (twenty-ninth day); before left eye when turning head to left (thirty-eighth and fortieth days),[215].—When in the dark have several times seen bright flashes suddenly coming and going, like faint and small sheet-lightning (sixth day),[223].—Bright sparks before the eyes,[126 126a].—Bright spot before eyes *only* when looking at gas-flame (fourth day),[228].—Sparks of fire (after second dose); occasionally entering at a high point and disappearing at a lower point of the field (after third dose),[127].—He saw balls of fire rolling over the counterpane (after four hours),[128].—Luminous vibrations before *left* eye by daylight, at 8.30 A.M. (second day),[222].—Two vertical contiguous bars standing before eyes and moving with them, the *right* blue, the *left* green, while in bed in a dark room (ninth day),[221].—[580.] Two vertical contiguous bars, right purple, the left green, standing still before eyes for half a minute, then the green bar disappeared, then the purple, when in bed in a dark room, at 11 P.M. (eleventh day),[218].—On looking up at the cloudy sky, saw in the sky a bright bar directed upwards and to the right (by daylight), (twenty-ninth day),[219].—Black spots before the eyes; hallucinations of sight,[55].—Black spots and fiery sparks before the eyes,[56]. —Black spots before eyes, moving with eyes, by daylight only (second day),[229].—Black spots before the eyes, moving with the eyes, in the evening after dark, by gaslight (fourth day),[227].

Ear.—Slight feeling of dryness in right Eustachian tube (first day),[219]. —Wind rushes out of both ears,[15].—Pains in the ears,[130].—Pain in the left ear, pressing down to the left side of the cheek,[66].—[590.] Complained of shooting in ears,[60].—Tearing pain in right ear, with shooting through the forehead and top of head (after five hours),[146].—***Hearing.*** His hearing was very acute, and his eyes followed the direction of the sound,[161].—Sense of hearing appeared very acute,[162].—(Hardness of hearing much better; hear better to-day than for a long time), (third day),[188].—Power of hearing lessened,[68 143].—**Deafness* (after four hours),[198].—The senses of hearing and sight cease,[19].—Hearing obtuse at times, at others natural,[170].—Hallucinations of hearing,[232].—[600.] Continual ringing in ears, worse on left side,[146a]. —Ringing in the ears,[107 119].—Violent ringing in the ears (after two hours),[124a]. —Loud roaring in the ears; hearing was nearly lost; the patient could only hear when spoken to in a very loud voice; she then understood very well what was said to her, though she at the same time assured me it seemed as if she could not hear another word (after third dose),[127].

Nose.—Objective. Frequent sneezing (after fourteen hours),[146].—Frequent sneezing from dryness of nostrils (third day); rather violent sneezing from dryness of nostrils (sixth day),[223].—From 10 A.M. to noon violent coryza, sneezing, nostrils stuffed, but not much flow (seventh day),[223]. —Blowing of offensive yellow mucus, becoming fluent, from the nose, with relief (after 120 drops),[123].—Diminished secretion of nasal mucus in the morning, increased in the evening (after 100 drops),[133].—Black hæmorrhage from the nose (third day), followed by warm perspiration and general relief,[129].—***Subjective.*** [610.] Nose stopped up,[3].—Feels as if the nose were stopped, although he can get air enough through it,[2].—His nose feels

obstructed and dry, although he is able to breathe through it,[1].—The nose was dry and redder than usual; she could not smell anything (after third dose),[127].—Great itching of the nose,[162].—There seemed to be an intolerable itching in the nose,[160].

Face.—Objective. **Face swollen and very red* (after six hours),[187].—Swelling of the face,[37].—Faces and cheeks swelled,[35].—Swollen face, injected with blood,[19].—[**620.**] Face slightly swelled and eyes puffed (the skin below them), (second day),[188].—Face somewhat swollen,[149].—Face puffy and purplish-red,[89].—**Face puffy and red*,[79].—Face puffy,[117].—Besotted appearance of the face (after fifteen to thirty minutes),[234].—At first his face looks friendly, except the staring eyes, at last it becomes quite disfigured by deep furrows from the inner corner of the eyes to the cheek, by folds running from the nasal wings to the corner of the mouth, and by knitting the eyebrows, and it looks frightful on account of the sparkling eyes, but after an hour it looks disturbed, with dim eyes (after half to two hours),[3].—At first his face looks quite friendly, except the dilated pupils, but afterwards it looks distorted, as from anxiety, with deep furrows and wrinkles,[3].—Maniacal expression,[102].—**Countenance wild*,[185].—[**630.**] ***Wild, staring look** (after fifteen to thirty minutes),[100 234].—A peculiar wildness of the look,[80].—Countenance had a wild, idiotic expression,[109].—**Countenance wild, exhibiting anxiety and alarm*,[97].—Conscious, though there is a wildness in her looks (after a few hours),[134].—**Wildness of countenance was very striking and almost startling*,[136].—**Expression of countenance wild and staring*,[155].—**Vacant, bewildered expression*,[165].—Features drawn,[120].—**Very anxious expression of countenance*,[157 207].—[**640.**] ***The features gave the expression of great fear and terror** (after six hours),[187].—Risus sardonicus,[101].—Features sunken (after seven hours),[201].—***Redness of the face**,[11 18 29], etc.—Redness of the face, without any perceptible increase in the temperature of the head (after third dose),[127].—**Face red and hot*,[119].—**Frequent redness of the face, with staring eye*,[15].—**Face very red*,[100 120 144 233].—Face red, lips swollen,[239].—Face red and swollen about the lips and eyes, the neck much tumefied, the swelling having commenced on the left side under the angle of the jaw and rapidly extended around to the right,[143].—[**650.**] Face very red, the rest of the body not red,[232].—Face bright red,[168].—Face was of a scarlet hue,[91 165].—Face became a fiery red,[204].—**Face bright red and puffy*,[140].—Her face presented a suffused redness,[158].—Face deeply suffused and of a dark-crimson color,[193].—Countenance appeared suffused and bloated,[40].—**Countenance flushed*,[95 102 138], etc.—Flushed (slightly swollen) face,[102].—[**660.**] Face and forehead flushed, at 1 P.M. (second day),[210].—Face and neck flushed and greatly swelled (after one hour),[203].—Faces flushed to almost violet hue,[178].—Face turgid,[163].—**Face turgid and hot*,[107].—**Blood rushing to the face*,[18].—**Face purple, red, swollen*,[39].—**Pale face*,[15 59 98].—Face pale and muscles drawn,[153].—Look pale, at 5.30 P.M. (second day),[210].—[**670.**] Brown face,[55].—***Subjective.*** She felt as if the left side of her face was swollen, which, on looking into the mirror, she found was not the case; afterwards, redness and flushing of the left cheek,[200].—***Cheek.*** Swelling of the left cheek and of the left side of the face generally,[66].—Cheeks red,[169].—The cheeks are red and bloated, but the upper part of the face looks much contracted and gloomy,[3].—Cheeks flushed,[41].—***Lips.*** The lips have a yellow streak along their red part, as in malignant fevers, and stick together; he fears lest they should grow together,[3].—Lips bright red (afterwards they become of a dark hue, almost black), feeling stiff and hard; trembling of the lips (after six hours),[187].—Lips were of a deep red,[35].—Swelling of the under lip (after two

hours),[81].—[**680.**] Teeth and lips separated,[172].—Lips dry,[107].—Dryness of the lips and tongue,[87].—Lips and mouth dry, lips sticky; the dryness lasted all day (after three-quarters of an hour),[222].—*Lips feel dry and sticky* (fourth day),[210 219].—Lips somewhat sticky, at 8.30 A.M. (seventh day),[219].—Lips and tongue parched,[134 135 136].—***Chin.*** Tetanic spasm of the jaws,[96].—The jaws required to be opened forcibly with a stick, as they were firmly clenched,[181]. —The lower jaw hangs down,[103].—[**690.**] Jaws tightly clenched,[108].—Jaws clenched,[120 242].—Symptoms of trismus,[163].—Jaw became locked (after seven hours),[81].—Lockjaw, with closed lips,[16].

Mouth.—Teeth. Grinding of teeth,[18 19].—[Grinding of teeth; raises his hands above his head and moves them as if he were winding a ball of thread],[15].—Grinding of teeth, with shuddering over the whole body,[15].—Grinding of teeth, with obscuration in the head,[15].—[Grinding of teeth, contortion of the hands, and shuddering],[15].—[**700.**] Constant grinding and gritting of the teeth (after six hours),[187].—Toothache,[15].—Toothache and severe headache, with profuse flow of tears,[15].—Throbbing toothache, as if some teeth would fall out,[1].—Throbbing pain in molar teeth of left side in lower jaw, and in the submaxillary glands of same side (after nine hours),[146].—Throbbing in teeth and lower jaw, left side (second day),[146].—***Tongue.*** Tongue clean and moist,[101].—**The tongue is swollen all over*,[15].—Tongue swelled and protruded out of the mouth,[35].—Tongue immovable; the patient could not utter a loud sound,[85].—[**710.**] Boys scratch their tongues with their finger-nails,[67].—**Tongue swollen, stiff, and moved with difficulty*,[143].—The tongue protruded from the mouth,[90].—Tongue occasionally thrust from the mouth,[142].—Tongue flabby and hanging out of the mouth,[99].—Tongue furred,[41 157].—Tongue tremulous, dry, except on the margins,[168].—Tongue furred and dry,[40 160].—Tongue redder at the apex than at the base, and dry,[149].—Tongue red on the edges and thin; slightly white in centre (after six hours),[187].—[**720.**] Tongue and lips bright red and dry,[119].—Tongue and fauces dry and red; the former was so dry that it glistened,[91].—Tongue red and moist,[100].—**Tongue red and dry*,[107 117 197].—Whitish tongue, with very fine red dots, and the tip of the tongue redder than usual,[64].—Tongue thickly coated white (third day),[120].—The tongue was moist, the papillæ enlarged, and projecting through a soft white fur,[191]. —Dry black tongue,[137].—Tongue and fauces dry and slightly swelled (after one hour),[203].—Dryness of the tongue and palate, so that they feel quite raw, without any thirst at first (after half an hour),[3].—[**730.**] **Dryness of the tongue and palate*,[31].—Excessive dryness of tongue and throat,[34].—Tongue dry and white,[185].—Tongue parched,[179].—Tongue and throat parched and dry,[178].—Tongue dry and its tip curled up, but not touching the roof of the mouth,[172].—**Tongue, mouth, and fauces dry, with considerable difficulty in deglutition*,[170].—Her tongue feels quite blistered,[200].—Tongue heavy,[140].—Tongue felt quite spongy and totally devoid of moisture (after two hours),[194]. —***General Mouth.*** [**740.**] Foaming at the mouth,[114].—Bloody froth from the mouth,[28].—A fluid being put into his mouth, he immediately spat it out,[160].—A black frothy mucus issuing from the mouth,[229].—Very viscid slime in mouth, with good appetite,[15].—Dryness of the mucous membrane of the mouth and nose (after 120 drops),[133].—Mouth dry on waking, in morning (second day),[216].—Dry mouth, in the afternoon (ninth day); in the morning (eleventh day),[216].—Mouth dry, at 8.10 A.M. (fourteenth day); 9.30 A.M. (eighteenth day),[219]; (third day),[188]; (after 70 drops),[133].—**Mouth very dry*,[98 151]; (after six hours),[187].—[**750.**] On biting an apple which was quite juicy, he said that it was dry like flour and hurt his throat (soon),[167].

—Dryness of mouth and palate,[200].—Disagreeable feeling of dryness in mouth, throat, and nostrils, lasting from 1 till dinner at 5 P.M. (third day),[223].—Mouth and tongue dry and the lips bright red,[233].—Dryness of mouth and palate after six hours violent thirst, and such an absence of taste that he drank nearly a pint of vinegar at one draught without tasting it,[3].—Dryness of mouth, thirst, dim vision, sparkling eyes, sweat, and diarrhœa,[15].—Remarkable dryness of the mouth and throat,[93].—**Excessive dryness of the inner mouth*,[6].—Great dryness in the mouth, so that he is unable to spit, although the tongue looks moist and clean,[1].—Great dryness in the mouth; can hardly take a mouthful of white bread; it tastes to him like straw,[1].—[**760.**] Sensation of great dryness in the mouth and want of saliva, while the tongue looked moist and clean,[4].—Extreme dryness in the mouth and want of saliva; he cannot spit, although the tongue is rather moist and clean,[2].—**Great dryness of mouth and fauces*,[15].—Great dryness of mouth, throat, and nostrils; could not eat bread and butter for breakfast, but was forced to eat sopped bread and milk instead; the dryness prevented insalivation, and made swallowing difficult (sixth day). The dryness of throat, mouth, and nose continued; cannot insalivate dry food; swallowing such food is difficult; at dinner, obliged to sip frequently to help down the food, which seems arrested in the œsophagus (seventh day). Woke several times with excessively disagreeable dryness of mouth and throat; had to sip water several times (seventh night). During breakfast, extreme dryness of throat and mouth (ninth day),[223].—The velum palati feels drawn low down; food and drink pass with difficulty, followed by a scratching pain in the velum,[1].—The palate feels parched, so that he is not able to eat a mouthful of bread (wheat),[2].—It feels as if the inner mouth were raw and sore (after twenty-four hours),[1].—***Saliva.*** Salivation,[149].—Salivation, with hoarseness,[15].—Mouth full of saliva (third day),[188].—[**770.**] Much saliva in mouth during the whole time (third to ninth day),[189].—**Drooling from the mouth*,[6].—Long-continuing salivation and profuse urine,[15].—Great salivation,[15].—Profuse salivation, with constantly increasing thirst,[15].—Excessive salivation; he loses from three to four pounds in a day and night,[15].—The salivary and urinary secretions are augmented,[93].—Tenacious salivation,[15].—Thick frothy saliva about the mouth (after one hour),[138].—Frequent spitting,[6].—[**780.**] ***Glairy saliva dribbling from the mouth** (after eleven hours),[183].—***Taste.*** Food has a bad taste,[15].—Twice, metallic-coppery taste on clean tongue (thirteenth day),[221].—During forenoon, constant but slight bitterness in mouth (seventh day),[223].—Constant bitterness in mouth, even all the food has a bitter taste,[2].—Constant bitterness in mouth, even the food tastes bitter,[1].—Disgusting bitter taste, with yellowish-coated tongue (after 120 drops),[133].—Excessively bitter taste,[200].—Pasty taste,[133].—Flat taste in mouth (after sunset), (fourth day); at 8.30 A.M. (seventh day),[219].—[**790.**] Flat taste in mouth, with sticky lips, for half an hour, at 2.15 P.M. (eighth day),[215].—Tobacco has yet some taste, but food tastes like sand, balls together in a lump in the œsophagus, and threatens to suffocate (after three hours),[3].—Bread and butter taste like sand; on account of the dryness of the mouth, it sticks in œsophagus and threatens to strangle him,[3].—Any kind of food tastes like straw,[2].—***Speech.*** ***Speech stammering**,[101].—***Speech difficult and unintelligible**,[100].—**Articulated with difficulty*,[237].—Inability to talk, apparently from paralysis of the tongue (after three hours),[236].—Difficult talking for five or six days,[55].—The first noticeable symptom was the impediment of speech, as if the tongue were too thick or slightly paralyzed. Soon after, there

was total inability to articulate, and only incoherent sounds were made. This condition continued fully six hours, by which time all the symptoms were much abated,[204].—[**800.**] Can articulate, but the words he attempts are loud and harsh (after four hours and a half),[167].—Faltered in speech,[34]. —He falters in pronunciation; his tongue is rendered paralytic, or when he attempts to put it out, he imitates the motions of a person who tries to do the same in a nervous fever,[29].—Stuttering,[18].—Stammering speech and talking between his teeth,[31].—Incoherent and rapid utterance, which soon became wholly unintelligible,[102].—**Speech indistinct*,[140].—Unable to speak but in a whisper, and then only with considerable effort,[143].—**A kind of paralysis of the organs of speech; he has to exert himself a long while before he is able to utter a word; he merely stammers and utters unconnected sounds* (after four, and five hours),[3].—At times, active efforts at utterance,[134 135 136]. —[**810.**] Unable to articulate a word,[134 135 136 193].—Once she attempted to speak, but her tongue failed her,[185].—Those who drank it could not speak a word for two or three days, though wide awake,[199].—Could not speak for one hour; tried to speak, but could only utter inarticulate sounds; occasional laughing during this time; after the hour she cried, about 11 A.M.,[214]. —He made ineffectual attempts to speak, but not a syllable could he articulate; the mouth was too dry and parched, the secretion of saliva being evidently entirely suspended (after eleven hours and a half). Muttered unintelligible sounds (after twelve hours). Could not speak at all intelligibly till the end of the next day, and then continually misplaced words, calling his head his foot, his arm his leg, and misnaming the things he required, though ludicrously unconscious of his perpetual misnomers. It was several days ere he could converse without calling something by a wrong name. On the third day he could speak with tolerable distinctness, but thickly, like a person with quinsy, and the throat and tongue were painfully dry, the glands of the mouth not yet fulfilling their natural functions,[201].—For the most part dumb; he expresses his wish by pointing to things,[25].—Dumb,[15 29 176]; dumb and answers nothing,[23].†

Throat.—The throat, which appeared to be the only sensible seat of discomfort, was grasped and torn by the hands, as if the patients imagined it to be oppressed by some foreign body,[142].—(Frequent grasping of the throat and moaning),[120].—**Choking in the throat*,[1].—[**820.**] Choking so that the child could scarcely vomit,[117].—Feeling of mucus at the back of the throat, causing hawking and hoarseness (after third dose),[210].—Feeling of mucus at the back of the throat, causing me to hawk, which relieved it (five minutes after second dose, second day); causing me to swallow (three hours and a half after second dose, second day),[210].—Feeling of mucus in throat, causing hawking, with hoarseness; once the voice almost failed; after sunset, at 9 P.M. (after nine hours and twenty minutes),[216].—Feeling of mucus at back of throat requiring hawking, with hoarseness, after rising from bed in the morning (second day); at 9 P.M. (third day); brought on by talking, at 10.20 A.M.; some hoarseness when talking, in the evening after sunset (fourth day); feeling of mucus at back of throat, causing hoarseness and hawking, after rising from bed in the morning (sixth day); when talking in morning (tenth day),[216].—Immediately feeling of mucus at back of throat,[222].—Feeling of mucus at back of throat, causing hawking, after sunset, at 9 P.M. (third day),[217].—Feeling of mucus in throat, causing hawking, in the afternoon (fifth day); with hoarseness, in the

† With S. 264.—HUGHES.

morning (sixth day),[215].—Feeling of mucus at back of throat (five minutes after second dose, first day),[219].—Feeling of mucus at back of throat, in the evening after sunset (seventh day),[219].—[**830.**] On attempting to swallow the first bite of food he felt a choking sensation in the throat, which he described as feeling like a broad dry stripe, extending down through the chest, from the mouth to the stomach, which he was trying to swallow but could not get down (after fifteen to thirty minutes),[234].—***Dryness of the throat,**[1 46 82], etc.—**Dryness of the throat and fauces,*[145 209].—Dryness of throat and copious micturition,[15].—Dryness of the throat with excessive thirst,[140]. —Dryness of the throat, especially felt on swallowing saliva; this lasted all the evening (first day); worse on swallowing saliva (one hour and a half after first dose, second day),[210].—Dry throat for a short time in morning (sixth day),[218].—Feeling of dryness in the *right* posterior nares, *right* nostril, and slightly in *right* Eustachian tube (first day),[219].—The throat was dry, though the patient had no impediment in swallowing, but an immoderate thirst, which induced her to drink, in a few hours, large quantities of water, which did not, however, in the least diminish the thirst; the throat burnt as if a hot stone were lying in it (after third dose),[127].—Back of throat dry (ninth and tenth days),[218].—[**840.**] Throat began to feel intensely dry, which increased to that state that I could not swallow, and with great difficulty breathe (after two hours),[194].—**Throat very dry, and not benefited by any sort of drink* (after four hours),[128].—***Constriction about the throat,**[124 124a].—Constrictive burning pain in the throat, with a sensation as if a ball were sticking in it,[73].—**The throat seems to him tighty drawn together*,[10].—***Spasmodic constriction of the throat, and a kind of paralysis, so that swallowing was very difficult and almost impossible**; *this sensation of constriction of the throat seemed to be the cause of the frequent pulling at the mouth and throat with the hands*,[233].—Sore throat (second day); during the whole time (third to ninth day),[189].—Complains of soreness in the throat and fauces (after a few hours),[134].—Complained of great soreness and dryness of the throat (second day),[136].—Scraping in the throat,[121].—[**850.**] Pain in throat,[174].—Burning in the throat,[117 238].—Feeling as of boiling water rising in throat,[200].—Intolerable burning of the throat (after three hours),[164].—Some uneasiness about the throat, with general shivering,[123].—***Fauces.*** Fauces almost white and dry,[149].—Fauces were so constricted that respiration was performed with difficulty,[35].—Constrictive sensation in the fauces after a meal (after two hours and a half),[3].—Sense of strangulation at the fauces,[113].—***Distressing dryness of the fauces, which were very red, with difficult swallowing** (third day),[120].—[**860.**] **Fauces dry, but he would not drink when water was forced into his mouth*,[162].—Drawing pain in the fauces (after 120 drops),[133].—***Pharynx and Œsophagus.*** **Paralysis of the pharynx*,[118].—Unusual blush in pharynx and œsophagus, one-third of their extent; a very distinct band of vascularity, half an inch broad at the junction of the air-tube with the pharynx; larynx similarly injected but not so marked; rima glottidis thickened, very turgid,[47].—Transient stitches in the pharynx,[133].—**Constriction and spasms of the œsophagus*,[6].—***Swallowing.*** ***Terrible spasm of the throat on each attempt to swallow, like that in hydrophobia**,[201].—***Constriction of the muscles of the throat in attempting to swallow**, was observed in four of the severe cases,[159].—**Drink swallowed hastily*,[132].—**Could swallow water, but with great difficulty* (after one hour),[203].—[**870.**] **Difficulty in swallowing food or drink*, in the evening (fifth day),[215].—Difficulty in swallowing solids (seventh day); in the morning (eighth day); in the

afternoon (sixteenth day),[215].—She attempted to swallow some bread and milk, but could not (after two hours),[37].—Difficult swallowing, with stinging pain in the throat,[1].—Difficult swallowing, with a pressing pain in the submaxillary glands,[1].—***Soon affected with difficulty of swallowing, accompanied with unusual dryness of the throat, which could not be removed by frequent draughts of water,**[126].—***Swallowing difficult,**[100 101 140], etc.—Swallowing and respiration impeded and more frequent,[68].—***Within two hours and a half, the child had not only lost the power of utterance, but that of voice also. She could now only utter a hoarse croaking sound, alternated with a sonorous, croupy, barking cough; and she was unable to swallow, in consequence of the violent spasm which affected the muscles of deglutition.** This state of spasm, judging from the nature of the cough, and the croupy character of the inspirations, pervaded also the muscles of the larynx,[102].—The comatose state was attended with incapability of swallowing; but evidently the cause was of a totally opposite nature to that which had produced the same symptom in the first stage. It was now decidedly the result of atony or paralysis of those parts that had been formerly affected with spasm. A slightly stertorous state of the breathing indicated that a similar change had taken place in the muscles of the larynx,[102].—[**880.**] Almost entire loss of power to swallow (after three hours),[236].—Inability to swallow on account of dryness of the throat,[15].—Could not swallow, could not get anything down (after a few seeds),[64].—Inability to swallow,[1].—***External Throat.*** Throat externally swollen, as in mumps,[64].

Stomach.—Appetite and Thirst. Increased appetite,[1].—A kind of hunger was associated with the tearing in the abdomen, but still the patient was unable to take any food (after third dose),[127].—Felt hungry too soon after a meal (second and third days); in the morning (fourth days),[219].—Undiminished appetite, with colic, diarrhœa, and vomiting,[15].—Poor appetite, at breakfast (fifth day),[219].—[**890.**] In large doses it diminishes the appetite,[93].—Diminished appetite,[15].—No appetite for breakfast (second day),[66].—Loss of appetite (after 120 drops),[153].—Loss of appetite, with oppression at pit of stomach,[200].—***Thirst,**[22 78 98].—Thirst with the headache,[15].—**Thirst, with great dryness of the throat,*[15].—Thirst, drinking much at a time (first day),[227].—With the headache, considerable thirst; drank much more water than usual (second day); drank a great deal (third day),[188].—[**900.**] Thirst and drunkenness, with headache,[15].—Long-continuing thirst,[15].—Violent thirst, with copious secretion of burning urine,[15].—In spells of restlessness he would drink when water was offered him, but did not ask for it,[66].—Extremely troublesome thirst, with drooling,[8].—Great thirst, attended with considerable constriction of the muscles of the throat in attempts at swallowing,[157].—**Thirst intense and unallayed by water,*[143].—***Violent thirst,**[15 71 111 120], etc.—Thirst for acids (after 120 drops),[153].—**Excessive thirst, with desire for sour drinks,*[119].—[**910.**] **Great desire for acids,*[107].—***Eructations and Hiccough.*** Eructations in the evening (first day),[222].—In evening, frequent offensive bilious eructations (seventh day),[223].—Odorless eructations (after 120 drops),[153].—Sour eructations,[15].—Hiccough,[37a].—Violent hiccough,[15].—An incessant hiccough,[40].—***Nausea and Vomiting.*** Nausea (after twenty minutes),[143 152 192].—Nausea, disgust,[1].—Nausea, but no vomiting (immediately),[83].—[**920.**] Nausea, with inability to bring up anything,[200].—Feeling of nausea with the uncomfortable sensation in middle line of *chest* (? in œsophagus),[226].—Nausea, with flow of an extremely salt saliva,[15].—5.30 P.M., nausea and retching; at last,

vomiting of a whitish fluid; the attempts to vomit cause pain in the stomach (second day),[210].—Inclination to vomit with profuse salivation, in the evening,[15].—Inclination to vomit,[6 87].—Ineffectual efforts to vomit,[102].—Nausea and retching (after one hour).[203].—Frequent ineffectual retchings to vomit,[40].—Nausea and straining to vomit (after three hours),[187].—[**930.**] Began to feel ill (after half an hour),[164].—Nausea and vomiting (after two hours),[124].—Nausea, followed by vomiting,[120].—Sick and giddy,[23].—Sickness and vomiting (after a quarter of an hour),[202].—Was sick, while sitting on a sofa; at the same time fancied she was falling off, kept holding on to everything, about 2 P.M.,[214].—Vomiting,[59 98 164 173].—Vomiting, at night,[15].—Vomited several times,[229].—Vomiting of a sour-smelling mucus,[15].—[**940.**] Vomiting of mucus, in the evening,[15].—Vomiting of a green mucus, with thirst,[15].—In the evening, he vomits up bile with mucus,[15].—Vomiting of green bile, in the evening,[15].—Vomits bile after the least motion, even on sitting up in bed,[1].—Vomited several times, a dark greenish-looking substance mixed with his food,[131].—Even after sunset, soon after food, vomited food mixed with nearly black clotted thick blood; the vomiting was difficult, and caused shooting pain at stomach-pit, and was preceded and followed by retching; he never vomited blood before (fourteenth day),[221].—The vomiting, which was induced by sulphate of zinc, caused the most violent suffocative spasms of the glottis, so that for ten minutes artificial respiration was required,[239].—Became sick and vomited; after which he wished to get out to get assistance for his wife, but he had scarcely gained the door of the room ere he felt so enfeebled that his knees bent under him, and he was forced to sit down, but in a few seconds he fell senseless to the ground; on recovering he vomited repeatedly, was greatly agitated, became torpid, with a lethargic tendency, and lost for some time all sense of feeling,[112].—***Stomach.*** The epigastrium is tense, hard, and painful,[15].—[**950.**] Epigastric tenderness, in all cases,[159].—Attacked at 7 P.M. with great distress, apparently in his stomach,[151].—Gastric irritation continued nearly a month,[111].—Pain in the epigastrium,[158].—Severe pain at pit of stomach (after twenty minutes),[143].—Great pain of her stomach and left arm,[36].—Great pain in the region of the stomach and bowels,[173].—Slight stationary pain in stomach-pit (tenth day),[228].—Pressure in the stomach (after 120 drops),[133].—Stomach sensitive to pressure,[107 119].—[**960.**] Pressure in the stomach and diminished appetite (after 100 drops),[133].—(Pressive pain in the left side of the stomach towards the heart, aggravated by external pressure), (fourth day),[120].—Pressing pain in stomach,[15].—Anxiety in pit of stomach,[5].—Anxiety in the pit of the stomach and difficult breathing,[15].—Great anxiety in the pit of the stomach,[15].—Great anxiety about the pit of the stomach, before noon,[15].—Great anxiety about the pit of the stomach, with dry heat of the body,[15].—Indescribable anxiety at stomach,[97].—Corroding pains in stomach,[11].†—[**970.**] Shooting inwards, very acute, of short duration, in stomach-pit (second day),[227].—Shooting inwards in stomach-pit and right side of abdomen (seventh day),[226].—Shooting inwards in stomach, first on *left* side, then *right* (second day),[228].—A kind of burning pain in the stomach comes and goes, lasts for half an hour, then intermits for an hour or more (third day),[188].

Abdomen.—Pain in the hepatic region, lasting half a year after the poisoning, in one man,[140].—Abdomen tense, neither touch nor pressure painful,[23].—Abdomen soft, not distended,[101].—Abdomen hard, but not much

† Not found.—HUGHES.

swollen (after six hours),[187].—Abdomen tense and hard,[79].—Bellies tumid but not hard,[35].—[**980.**] Bloated abdomen, especially in the region of the pit of the stomach,[23].—Much bloated abdomen; not painful when touched,[23]. —In the evening the abdomen is bloated, with heat of the body and anxiety in pit of the stomach,[15].—With children, abdomen becomes highly bloated, with anxiety in pit of stomach; cold sweat, chilliness of the limbs, confusion of mind, stupefied half slumber, and anxious evacuations, upward and downward,[5].—*Distension of the abdomen*,[73 77 84], etc.—Abdomen distended, painless,[100].—*A distension of the abdomen, not hard*,[1].—Upper abdomen tense and painful,[15].—Abdomen tympanitic,[157 158 172].—A tympanitic state of the bowels, belly extremely tense,[102].—[**990.**] Abdomen retracted and tense,[163].—Abdomen spasmodically retracted,[85].—Increased sensitiveness of the abdomen,[89].—Rumbling in the abdomen,[133].—Rumbling in the abdomen, with obscuration of vision,[15].—Rumbling and growling in the abdomen,[19].—Rumbling in the abdomen, with colic,[15].—Rumbling in the abdomen, with diarrhœa,[15]. — During micturition rolling in abdomen; rigors,[59].—He complains of rumbling in the abdomen, as if living animals were screaming and moving in all the intestines,[15].†—[**1000.**] A great many emissions of flatus,[15].—The greatest development of wind in the abdomen, sometimes after each dose of the tincture; after some rumbling in the abdomen the flatus passed off downward,[71].—Violent fermenting in the abdomen, for seven days,[2].—Meteorismus,[150].—Colic, followed by diarrhœa,[15]. —Colic, rumbling, and diarrhœa,[15].—Colic, watery vomiting, and diarrhœa,[15].—Colic, as if the abdomen were puffed up; abdomen painful, even when touching the side,[1].—Colic and diarrhœa,[15].—Colicky pains,[30].‡—[**1010.**] Colicky pain and rumbling in the bowels,[200].—Violent colic, coming suddenly in the evening, with sensation of fainting and cold shivers,[200]. —Pain in the abdomen, with the vertigo, followed by looseness,[15].—Sensitiveness of abdomen very great,[68].—Pain in abdomen,[15 242].—Cramping pain in abdomen, making her bend double when walking, with constipation and ineffectual desire for stool (second to fifth day),[235].—Pressing pain in abdomen,[15].—In the abdomen, in the region and in the direction of the transverse colon, a drawing sensation, which soon changed into tearing, as if two dogs were drawing the bowel in opposite directions, and were ready to tear it asunder; with this symptom was connected a kind of hunger, when the tearing sensation had subsided a little, but still the patient was unable to take any food (three-quarters of an hour after third dose),[127].—Dull pain in lower colon (ninth day),[223].—Tearing pain in the abdomen as if the navel would be torn out; the pain goes then into the chest,[1].—[**1020.**] Sensation as if the abdomen were expanded to the extremest degree,[1].—A writhing pain in the bowels previous to every evacuation; a blackish diarrhœa every hour (after thirty-six hours),[2].—Before stool, twisting in the bowels; during stool, colic, distension of abdomen, rolling in abdomen, vomiting, paleness,[59].—In lower abdomen, shooting from before backwards for half an hour, twenty minutes after dinner (second day),[226].—Shooting and griping pains in bowels, with looseness,[146a].—Burning in the abdomen that was distended,[103].—Several times a day, dull griping pain in pubic region, also during stool (seventh day),[223].—Severe griping pains of short duration, in centre of hypogastrium (fourth day),[223].

Rectum and Anus.—Hæmorrhoidal flux, for several days,[1].—

† Words from "as if" not in original.—HUGHES.
‡ He speaks only of borborygmi.—HUGHES.

Coagulated blood passes from the anus,[1].—[**1030.**] A desire for stool, but nothing passes off till twenty-four hours after,[3].

Stool.—Diarrhœa. Violent purging, with and followed by pain in rectum, shooting downwards, for two hours (after two hours, fifth day),[226].—Next night a smart attack of diarrhœa, lasting all next day; the stools were exactly like those in the former attack, pappy, feculent, dark brown, with dull griping across hypogastrium *before* stool, some straining *during* stool, and a straining with the urine at the same time,[224].—Diarrhœa, six days in succession,[2].—Diarrhœa, ceasing after a profuse sweat,[15].—Diarrhœa, with increase of appetite,[15].—Diarrhœa, with paleness of face,[15].—Watery diarrhœa, preceded by violent crampy pains in bowels; this lasted three days (after eleven days),[221].—From 3 to 7 P.M., several diarrhœic stools, brown, watery, sometimes brownish yellow and frothy, preceded by pain in the abdomen; during the passage of stools, scalding at the anus; rectum feels filled, but on straining, only pass liquid stools (second day),[210].—Looseness of bowels, with flatulence and borborygmus, and occasional sharp pains; it continued nearly a week after vomiting the medicine,[146a].—[**1040.**] Several brothlike evacuations, which gave much relief, followed the tearing in the bowels (after three doses),[127].—Two natural stools instead of one (sixth and seventh days); while straining on the bladder, a slightly relaxed stool (seventh day); stool this morning rather relaxed, a darker brown than usual (eighth day),[222].—Several discharges from the bowels, thin and watery,[151].—Stools have a cadaverous smell,[15].—One or two dark-chocolate-brown relaxed stools (ninth day),[223].—(Bloody stools), (after two days),[90].—In afternoon, painful and difficult stool, requiring much straining; the last part could not be evacuated by straining, but came easily after the straining ceased (fourth day),[225].—Bowels were moved, the fæces very hard and dry (third day),[241].—She seemed to have a motion to stool, and passed a living lumbricus teres, fourteen inches long, with a little water, but without any fæces or relief of symptoms (after six hours),[57].—***Constipation.*** Bowels more constipated,[159].†—[**1050.**] Constipation for six days, without complaining of fulness or distension of the abdomen,[1].—Obstinate constipation,[116].—(Constipation and ineffectual desire for stool, with the cramping pain in the abdomen), (second to fifth day),[235].—Bowels have not acted for two days (third day),[227].—Bowels do not act, but without inconvenience (fifth to seventh day),[210].—***Stool and urine suppressed,**[139].

Urinary Organs.—Bladder. Sphincter of the bladder paralyzed, permitting the urine to dribble away more or less, for forty-eight hours,[241].—Paralysis of the bladder and consequent incontinence of the urine from the repletion of the viscus,[102].—**Bladder empty,*[163].—Great irritation of the urinary passages; in two children incontinence of urine,[140].—***Micturition and Urine.*** [**1060.**] Copious evacuation of thin, almost watery urine,[87].—The most astonishing amount of urine was passed, clear, like spring water,[73].—Large and involuntary discharges of urine,[75].—Profuse micturition,[15].—Profuse micturition, without thirst,[15].—Passed involuntarily large quantities of urine,[41].—Involuntary evacuations of urine and bloody fæces,[118].—Obliged to void urine four times during the night,[146].—Often obliged to urinate, but the emission was delayed for a minute before it came, and although it came out merely in drops, yet during the forenoon a large quantity was discharged (after four and five hours),[3].—*Urine passed only after twelve hours,*[153].—[**1070.**] Unusual straining required to

† Revised by Hughes.

empty the bladder; the stream stops before it is emptied, and then the ejection has to be completed by several successive efforts, the flow being stopped as soon as the effort is discontinued; quantity of urine increased; more frequent and copious at a time than usual (seventh and ninth days),[223]. —It is moderately diuretic, and impregnates the urine pretty sensibly with the smell of the seeds,[38].—Diuresis, with shuddering and rumbling in the abdomen,[15].—The urine would only pass while the effort was continued strongly, and stopped as soon as the bearing-down was withdrawn, *e. g.*, to take breath (second day),[224].—**Micturition dribbling*,[233].—Unable to pass urine freely, had to strain (third day),[188].—Retention of urine accompanied the muscular paralysis,[159].—[Retention of urine],[15].†—When voiding the urine, no stream is formed in spite of all pressing and urging; the urine is warmer than usual, but it comes out only in drops; he is not able to hasten the emission or to press out the last drops, and without any pains in the urethra, except the sensation as if a cylindrical body were pushed through the urethra. After drinking vinegar it appeared again in a thin stream, and the desire was less often,[3].—The urine is passed without any power; he was able to retain it, but still felt always as if he had not the power to retain it and to close the neck of the bladder; sometimes a sensation as if the urethra were too narrow and unable to expand,[1].—**[1080.]** He recovered promptly from the disagreeable poisoning symptoms, but he has suffered ever since with alkaline urine, and with so much distress in passing it, that he is yet confined to his home,[237].—Urine very dark, and of a strong pungent odor (third day),[241].—Urine thick and turbid after the poisoning,[120].

Sexual Organs.—Male. Constant uncovering of the genitals,[121].—Priapismus of several hours,[42].—Scrotum œdematous,[163].—Testicles retracted, penis erect as in chordee,[153].—Temporary loss of sexual energy after convalescence from poisoning,[25].‡—Complete inability to perform coition,[26]. —Excitement of the genital organs with salacity,[131].—**[1090.]** Excitation of the genital organs,[196].—Sexual excitement,[119].—Lasciviousness,[18].—Extraordinarily increased activity of the sexual organs,[116].—***Female.*** Discharge of black blood from the uterus,[15].—Reappearance of the menses after four years' cessation,[15].§—Too great menstrual flow, menorrhagia, with drawing pains in abdomen, in the thighs, and other limbs,[1].—Increased catamenia; blood passes in large coagulated masses,[1].—Catamenia excessive,[15].—Catamenia rather more copious,[15].‖—**[1100.]** Dilute menses,[15].¶—Insatiable sexual desire in women,[43].

Respiratory Organs.—Pain in the region of the larynx, after the poisoning,[153].—**The local organs were partly paralyzed; the boy often attempted to speak hastily, but could not utter a word, it was only a bellowing or stammering; at times he managed to sing a few notes, or to whistle, or at times to laugh;* **the voice was hoarse and croaking,**[233].—***Voice.*** ***Voice high, squeaking, and out of tone; speech unintelligible,**[79].—***In his voice the usual modulation is entirely wanting; it is much higher and finer than usual;** *it is a mere sound, he is unable to utter an intelligible word; he hears and feels it himself, and is anxious about it,*[3].—Voice a little hoarse,[93].—Voice hoarse and unintelligible,[103].—Hoarseness of voice, and cough (after some days),[136].—Voice hoarse, with the difficult swallowing,[64].—**[1110.]** Voice

† Greding merely says that the usual involuntary discharge of urine during the fit did not take place.—HUGHES.

‡ Revised by Hughes.

‖ Revised by Hughes.

§ The woman was only forty.—HUGHES.

¶ Revised by Hughes.

hoarse, with difficult speech (after 120 drops),[133].—Voice hoarse (after one hour and thirty-five minutes),[222].—When talking, hoarse voice; it almost fails me now and then, causing me to hawk, in order to set it right (second day),[210].—Some hoarseness when talking, in the evening after sunset (fourth day),[216].—Next morning the voice indistinct, hoarse, swallowing very difficult and painful,[69].—*Voice weak* (after one hour),[203].—***Cough and Expectoration.*** Cough immediately on drinking cold water (tenth day),[215]. —**Spasmodic cough*, worse in the evening (second day), and again in the morning (third day); dry cough,[66].—Rasping, loud, violent dry cough, caused by the dryness of the throat; nothing seems to affect the cough (seventh day),[223].—Loose rattling cough, with some expectoration, next morning,[134].—[**1120.**] Expectorating occasionally a thick mucus, without regard to where it fell,[171].—Expectoration of white, frothy liquid (after 120 drops),[133].—Spitting of blood,[15].—***Respiration.*** Breathing easy, with now and then a deep sigh; twenty-six respirations in a minute,[160].—Respiration rapid,[100].—Respiration somewhat accelerated,[149 170].—Respiration hurried,[81 179].—**Respiration hurried and difficult*,[238].—Respiration greatly hurried, and at times gasping and choking.[155].—**Respiration difficult and accelerated*,[89].—[**1130.**] During the continuance of the coma the respiration was extremely hurried, averaging about 100 per minute; every inspiration, however, completely filled the lungs,[102].—The action of the lungs was enfeebled, not from any impediment, but simply from want of power, the patient only respiring at long intervals (after third dose),[127].—Slow inspirations and very sudden expirations,[18].—Slow respiration (after four hours),[198].—Respiration slow, difficult, and deep,[120].—Respiration slow and irregular,[99].—Respiration slow and labored,[178].—Respiration slow, stertorous, deep,[163].—Stertorous respiration and unconsciousness,[103].—Stertorous breathing,[137 152 172].—[**1140.**] Breathing heavy and stertorous, blowing at each expiration, but normal as to frequency,[229].—Breathing at times stertorous and labored,[134 135 136].—Blowing or hissing expirations, which forced small quantities of a reddish-colored saliva through the closed lips, accompanied the convulsive movements,[241].—Frequent sighs,[23].—Breathing laboriously, with distressing sense of strangulation,[143].—His breathing stops more and more, and he turns blue in the face,[15].—Difficult breathing,[1 195].—Oppressed breathing,[1].—Oppressed respiration, with desire for the open air,[140].—Respiration and swallowing impeded, and more frequent,[68].—[**1150.**] **Excessive sense of suffocation* (after three hours),[164].—Oppressed respiration, with feeling of tightness across the chest,[200].—Terrible dyspnœa; indeed the function of respiration was rather a succession of deep gasps and sobs (after seven hours),[201].

Chest. During night, tightness of chest, as if I could not get air enough into lungs, obliging me to take frequent deep forcible inspirations; the same whether lying on back or sides, or standing, for several minutes (eighteenth night),[219].—Feeling of tightness across chest, with oppressed respiration,[200].—Aching pain in the chest and sternum, excited by talking,[1]. —Feeling as if something turned around in the chest, afterwards heat in the face,[1].—An odd sensation of dryness in, and violent girding across the chest,[34].—Uncomfortable sensation in middle line of *chest* (? in œsophagus, E. W. B.), with a feeling of nausea (ninth day),[226].—Sharp pain in chest about junction of middle and lower third, first on *left* side, then on *right*, worse on walking; entirely disappearing when in a warm place (eighth day),[226].—[**1160.**] Cutting pain in the sternum after lying down, in the night, ceases on emission of flatus, but returns,[1].—Hard pressure on the

cartilages of third and fourth ribs, with difficult breathing; he is unable to inhale breath enough without great anxiety (after half an hour),[3].—Rheumatic pain in sides and back,[15].—For an hour she had very fine, but sharp stitches in the vicinity of the fifth and sixth ribs, on a very circumscribed spot of the size of a fourpenny piece (after third dose),[127].—Aching pain in breasts, worse on walking, first in left, then in right (after two days),[235].

Heart and Pulse.—Præcordium. Pressure near the heart,[1].—Uneasy feeling in the region of the heart, with a sense of faintness,[196].—During the afternoon, palpitation of the heart on every slight exertion (second day),[210].—***Heart's Action.*** **Palpitation* (after 200 drops),[133].—During cough, palpitation, anxiety, constriction of the chest, convulsions,[59].—[**1170.**] Heart beating very violently; the boy said anxiously he would have that beating taken away,[64].—Beating of the heart weak,[78].—Pulsation of the heart very slow,[96].—Arteries beating rapidly and hard,[79].—Heart's action excessively feeble and intermitting (after seven hours),[201].—Heart's action feeble, but not increased in frequency (after two hours and a half),[167].—Action of the heart irregular; pulse small, rapid,[163].—***Pulse.*** *Pulse rapid*,[157 169 180 196 154], etc.—Quick intermitting pulse,[18].—Pulse more rapid than I could count,[155].—[**1180.**] Pulse rapid, so as scarcely to be counted, and very feeble,[97].—Pulse very rapid and feeble, numbering at least 150 beats per minute,[238].—Pulse very rapid, small,[34 168].—Pulse fluttering, and 140,[179].—Pulse 130, compressible and small,[155].—**Pulse full, strong, about* 120 *to the minute* (after three hours),[236].—Pulse 120, small and soft,[98 99].—Pulse, during the attack, rapid, 120, on the third day remarkably slow, 56, associated with prostration,[168].—Pulse 110, strong and full,[160].—Pulse 100, very tense and full,[178].—[**1190.**] Pulse usually 72, was, at 9 P.M., 84 (third day),[188].—Pulse moderately rapid and tense,[139].—Pulse quick, hard, and frequent (first evening),[66].—Pulse rapid and contracted (after five hours),[94].—Pulse rapid, hard, and full,[100].—Pulse accelerated, occasionally intermittent,[103].—Pulse rapid, full,[140].—Pulse quick, hard, and frequent (after two hours),[190].—Pulse rapid and feeble,[107 171 172].—Pulse fifteen beats to the minute, above the natural standard, and very full and heavy (second day),[146].—[**1200.**] Pulse full, very rapid, with throbbing of the carotids,[192].—**Pulse soft, feeble, and very frequent*,[208].†—Pulse quick and intermittent, ranging from 135 to 140 beats per minute,[229].—Pulse frequent and small,[68 89 187].—Pulse small, frequent, and soft; on the right wrist pulse could not be felt, nor the beating of the heart,[55].—Small, quick, and at last scarcely perceptible pulse,[29].—Pulse often intermittent,[6].‡—Pulse small, rapid, and weak,[101].—Strong, full pulse of 80 to 90 beats,[23].—Pulse full and tense,[41].—[**1210.**] Pulse beat violently,[85].—Pulse more full than usual, and beats 10 or 12 times more in a minute than common (after nine hours),[146].—Pulse full, but not preternaturally frequent,[149].—Pulse full and irritable,[120 162].—Strong tumultuous pulse,[197].—Full pulse (after four hours),[198].—Pulse hard and full,[87].—Pulse tense and intermittent,[120].—Pulse hard,[140 139].—Pulse full and slower than natural (after two hours),[95].—[**1220.**] Full and rather slow pulse,[221].—Pulse 88, small,[166].—Pulse 85, very weak (after one hour),[203].—Pulse 65, slow and full (after eleven hours),[185].—Pulse slow and moderately full,[165].—Slow, full, labored pulse,[202].—Pulse very slow,[209].—Small infrequent, feeble, almost indistinct pulse,[173].—Feeble and faltering pulse,

† The primary slow pulse belongs to Stramonium, whereas the secondary pulse is only a symptom of dissolution, and not pathogenetic to the remedy.

‡ Revised by Hughes.

irregular, and varying from 120 to 130 (after three hours),[164].—Pulse slow, heavy,[132].—[**1230.**] Pulse small and weak,[162 233].—Pulse weak and so frequent as hardly to be counted,[40].—Pulse weak,[31].—Pulse febrile,[174].—Tremulous, weak, unequal, sometimes intermittent pulse,[19].—Pulse irregular, a few rapid beats following some slow ones,[232].—Unequal, tense pulse (second morning),[64].—Pulse extremely irregular; sometimes it was hurried and fluttering, sometimes it was tense and strong, and frequently its action was not discernible,[76].—Pulse scarcely perceptible, and the carotid arteries had little or no pulsation,[115].—Pulse almost imperceptible from the first; but as far as it could be felt, it was natural in regard to velocity. During the continuance of the coma the pulse returned; it was unaccountably quick, and estimated to exceed 200, small, sharp, and thready,[102].—[**1240.**] Pulse little, or none perceptible (after two hours); 160, strong and regular (after fourteen hours); 120, unequal and intermitting (after eighteen hours),[81].—No pulse to be felt at wrist (after seven hours),[201].—Pulse imperceptible,[29 165].

Neck and Back.—Neck. Neck swollen (after three hours),[187].—Stiffness of neck (second day); gradually wearing off (third to ninth day),[189].—Pain, first on *right*, then on *left* side of back of neck on moving head (fourteenth day); on bending head back, pain in left side of back of neck; afterwards on bending head forwards, pain in left side of neck (fifteenth day),[215].—Great rigidity of the muscles of the neck and back,[134 135 136].—Drawing (rheumatic) pain, extending from the side of the neck into the limbs,[15].—***Back.*** Back very stiff, but not painful (third day),[188].—Small spot in the back pains (drawing) when touched,[1].—[**1250.**] A spot in the back pains when touched or not,[1].—Pain, as if beaten, in the back and abdomen, excited by motion (after twelve hours),[1].—Pain, as if beaten, in the back and shoulder (after twelve hours),[1].—Drawing tearing pain in the back and upper abdomen (after one hour),[1].—*Remarkable sensitiveness along the spine in the cervical region, the slightest pressure caused the most violent outcries and raving,*[232].—***Dorsal.*** Pain between the shoulders during the act of coughing (seventh day),[223].—*Drawing pains in the middle of the spine, with drawing pain opposite, in the posterior portion of the stomach,*[1].—*Drawing pain in the middle of the spine,*[1].—***Lumbar.*** While playing the piano in the evening, two severe stitching pains simultaneously in both lumbar regions, midway between hypochondria and iliac crest (fifth day),[229].—Pains in lumbar region, like rheumatism (third day),[188].—[**1260.**] *Drawing pains in small of back,*[1].—Severe pains in the loins,[15].

Extremities.—Swelling of the hands and feet,[145].—Violent convulsions of the extremities,[73].—Convulsions of the extremities,[1 6 15 101].—(During artificial vomiting, jerking of all the limbs),[18].—His limbs were very rigid, and remained so, except when the convulsive twitchings would come on, which was about every ten minutes at first; half an hour later he could not stand; the convulsive movements of the limbs increased, intermittent in character, induced at times by external impressions, such as touching the skin, but coming on also spontaneously,[100].—The voluntary power of the extremities was gone, and the limbs were violently agitated by spasmodic twitching and jactitation (not by regular convulsions), alternately with short paroxysms of tetanic spasm (opisthotonos). During the coma she still continued to be affected with convulsive twitching and jactitation of the limbs, alternated with short paroxysms of rapid, vibratory, spasmodic motions of the hands and forearms, of a peculiar, though I believe diagnostic, nature as regards the effects produced by poisons of this class,[102].—

Violent motion of the limbs,[23].—He moves his limbs to and fro,[19].—[**1270.**] Limbs, especially the hands, in excessive motion, as in swimming, flying, etc.,[140].—Slow contracting and stretching of the limbs, repeatedly in paroxysms,[18].—Hands and feet up to the knees were affected with slight spasms or jerks, especially the fingers of the left hand, which jerked repeatedly, and without pain (fourth and fifth days),[188].—[Spasms, first in the left arm, afterwards in the right leg, followed by sudden spasms of the head in all directions],[15].—Paroxysmal twitchings of the limbs every five minutes were very marked, and more so in the arms than in the legs; but the limbs were not so rigid as in the other boy,[162].—Spasmodic jerking of the limbs,[3].—**Jerking of the extremities*,[107].—Constant motion of hands and arms, as if he were spinning or weaving (after eight hours),[23].—Irregular movements of all the limbs,[169].—The arms and lower limbs were *tossed* about, screaming and crying (after three hours),[187].—[**1280.**] Spasmodic tossing up of the limbs,[3].—***Twitching of the hands and feet**,[103].—***Twitching of the tendons**,[85 107 119 120].—**Twitching of the extremities*,[119].—A frequent tremor of the limbs, as in a chill, yet the surface was above the natural temperature,[207].—Tremors in her limbs,[33].—Constant tremulous movements of the hands and feet,[168].—***Trembling of the limbs**,[19].—*Trembling of one or more limbs*,[1].—**Trembling of the hands and feet*,[121].—[**1290.**] Trembling of the extremities, and especially of the hands; she made such movements that it seemed as though she was momentarily afraid of falling; the body was bent backward,[108].—The limbs totter when walking or standing,[1].—Limbs visibly paralytic,[24].—Very little control over the movements of the upper and lower extremities,[170].—Difficult motion of the limbs, with crawling in them,[15].—Difficult motion and creeping in the limbs, with lachrymation,[15].—Immobility of the limbs; she is unable to make the least motion (a kind of catalepsy),[1].—Limbs feeble,[237].—Paralyzed limbs,[29].—He feels, in his hands and feet, as if they were loosened in the joints, and he is quite inconsolable about this sensation,[2].—[**1300.**] Sensation as if one part of the limbs in the joint were completely separated from the other, and could not be united again,[1].—Sensation in the arms and legs as if they were separated from the body,[2].—The limbs are asleep,[11].†—*The limbs feel asleep*,[1].—Heaviness of the limbs,[15].—All the limbs ache,[1].—Continual cramp in both hands and feet,[15].—Crawling in all the limbs,[15].

Superior Extremities.—Choreic trembling of the arms,[197].—Violent jerking of the arms,[90].—[**1310.**] Jerking of the muscles of the arms, followed immediately by darting pains through the forehead (after three hours),[146].—***Shoulder.*** Pain as if beaten in the shoulder and back (after twelve hours),[1].—***Arm.*** Sharp twinging pains near the external condyle of the os humeri (after six hours),[146].—Aching-drawing pain in right arm above the elbow,[200].—***Forearm.*** Jerking-twinging pains in muscles and tendons of back side of left forearm, extending to the index finger (after six hours),[146].—Fine sharp stitches in the forearm, and a rheumatic constrictive pain in the deltoid muscle (after thirty-two hours),[5].—***Hand.*** There were such violent movements of the hands and subsultus tendium that it was impossible to count the pulse (after two hours and a half),[167].—Trembling of the hands while eating,[1].—The hands tremble when he seizes something,[3].—Trembling of the unaffected hand when eating,[1].—[**1320.**] The unaffected hand trembles when eating,[2].—After drinking, the hands continued to clasp convulsively the glass, though she wished to set it

† Not found.—HUGHES.

down,[169].—He could not close his hand to make a fist,[64].—The hands are clenched (not the thumbs), but they can be opened by others,[18].—Slight tingling in back of left hand for a few minutes (after one hour and forty minutes),[215].—Slight transient tingling in the back of the *left* hand (almost directly after second dose, second day),[210].—***Fingers.*** Peculiar twitching of the fingers, and a movement of the hands like a patient with chorea (after half an hour),[167].—Finger-nails purple; extremities cold,[208].

Inferior Extremities.—Convulsions of the left lower limb; they commence with shocks, drawing the limb inward and upward,[3].—Difficulty in walking,[145 209].—[**1330.**] Could not walk,[64].—Step and gait tottering and convulsive, and he had partially lost the use of his lower extremities,[160].—Gait unsteady, with inability to walk a few steps without falling,[57].—The lower limbs bend suddenly when walking,[3].—Paralysis of the lower extremities,[90 118].—Spasmodic rigidity of the whole of both lower limbs (after thirty-six hours),[3].—When placed on his legs, he would kick them forwards, but could not stand on them, and they did not remain quiet one minute,[162].—Both lower extremities were rigid, so that on attempting to stand he fell over,[176].—Feet and whole lower extremities were cold and palsied, and hung powerless over the father's lap, in marked contrast to the rest of the body, which was so much agitated (after two hours and a half),[167].—Sense of weakness in the lower extremities (after some hours),[124a].—***Hip.*** [**1340.**] Pain in the muscles of the outer side of the *right* hip-joint on walking, for a few minutes (after third dose),[210].—***Thigh.*** In the afternoon, while walking, had a sudden shooting pain in outer part of *right* thigh, which felt numb on rubbing it with the hand (fourth day),[223].—*Drawing pains in the thighs,*[1].—Spasmodic jerking and drawing upward and inward of the anterior muscles of the thigh, in paroxysms,[3].—Pain in the right thigh,[15].—***Knee.*** Could not stand; knees gave way; feet staggering as if drunk,[60].—Inability to stand, the knees seemed to give way, and she tumbled about as if intoxicated,[130].—In the afternoon a tremulous tossing of the knees and feet, as in a violent chill, his mind being intact,[15].—Paralyzed thigh,[29].—***Leg.*** When walking, legs feel heavy (after one hour and twenty-five minutes),[222].—[**1350.**] Pain in right leg, worse at patella (third to ninth day),[189].—Numbness and stiffness of left leg, with a tickling-creeping feeling under the cutis, which passed off by rubbing and stretching (fourth and fifth days),[188].—A few sharp stitches on the right tibia,[3].—Rheumatic drawing (pressing) in the left ankle, evening (after thirty-six hours),[3].—***Feet.*** Feet and legs swollen, hard; the skin on them seems tight (after six hours),[187].—**Constant trembling of the feet,*[15].—He cannot stand on his feet,[27].—Heaviness of the feet and weariness of the legs,[15].†—Sudden sharp pain in *right* heel, which returned in a few minutes and then ceased (fifteen minutes after second dose, fourth day),[223].—Burning on the dorsum of the foot, sometimes less, sometimes more (after twenty-four hours),[3].—[**1360.**] Burning and itching of the feet,[15].

Generalities.—Belly, tongue, face, and eyes were obviously swelled, and the two latter were also very red (after three hours),[37].—During the menses, voluptuous odor of body,[15].—***Suppression of all the excretions,**[1 160 161 162 187].—Lying upon their backs,[193].—Lying prostrate and helpless (after one hour),[203].—He lay upon the stomach, boring the head into the pillow,[121].—He lies on his back with open, staring eyes,[18].—Voluntary muscles in a state of great relaxation (after two hours),[81].—Continued to droop gradu-

† The original is "lassitudo crurum pedumque pondus."—HUGHES.

ally, and died apparently without any suffering next morning,[134].—[**1370.**] She sat upright on a lounge, being supported by an assistant on either side, and refused to be placed recumbent (after three hours),[236].—Muscles hard (after six hours),[187].—The voluntary motion ceases (catalepsis), with loss of senses, but ability to swallow remains,[18].†—The whole nervous system is disordered; various parts of the body become paralytic,[39].—Left side totally paralyzed,[68 89].—In all there was more or less temporary muscular paralysis, accompanied by retention of urine in different degrees,[159].—Entire loss of power of directing the motions of the limbs (after four hours),[198].—Entire loss of voluntary motion,[151].—Inability to perform co-ordinate movements,[232]. —Body and limbs motionless,[208].—[**1380.**] Stiffness of the whole body (after one hour),[28].—Stiffness all over; not a limb could be moved; a child of eighteen months, an hour after swallowing the seed. In the evening, after the stiffness lessened, repeated vomiting, deep sleep; towards midnight, rattling, bloody froth came from the mouth; face dark brown, and soon after death, six hours after the poison,[17].—***Trembling of the whole body*,[3].— ***Trembling of the whole body; it seemed as if the child were in a great fright** (second day),[232].—**Trembling of lips, hands, and feet*,[18].—Violent jerking in arms and lameness of leg; tongue hangs out of mouth; staring eyes; dilated pupils; murmuring; loss of reason. Next day complained of its being dark; wanted a light (candle); pupils dilated; bloody stool. Next day well. Girl of three years, from seed,[15].—Imperfect control over voluntary muscular action,[142].—**Starting, twitching*,[156].—**Twitchings; inability to swallow or talk*,[96].—Convulsive twitching about both legs and arms, but more in the latter than in the former,[160].—[**1390.**] Spasmodic twitchings, which soon amounted to convulsions; the movements were not always convulsive but always tremulous,[239].—Unable to stand, and yet plunging in a restless manner in whatever position he could be placed, all the movements being ill-coördinated and resembling those of chorea,[155].—Throwing his arms and limbs to and fro and very restless,[156].—Constant jerking of the fingers and toes and of different muscles of the face; the whole body was also frequently jerked as by an electric shock,[120].—Slight startings and muscular twitchings persisted for several days,[157].—**Muscular system subject to an irregular agitation resembling that of chorea*,[109].—Spasms of the muscles, and tossed about until there was fear of her becoming wearied out (after two hours),[154].—Most violent spasms, with very hot head, dark-red face, red extremities, dilated pupils, copious salivation, grating of the teeth, and violent trembling,[121].—Violent spasms, followed by paralysis of the lower extremities,[117].—The sight of a lamp would renew the spasms (after four hours),[240].—[**1400.**] ***Convulsions**,[7 11 18], etc.—Convulsions; jerklike startings,[3].—Convulsions of head and arms, with hiccough,[15].—Convulsive motion of the limbs and neck (after one hour),[158].—General convulsions, alternating with opisthotonos,[100].—Whole muscles of the body convulsed (after two hours),[95].—Convulsions beginning in the face, then extending to other parts of the body, at times severe, at times light (after two hours),[79]. —**Alternation of convulsion and rage; he had such violent spasms that his mother was not able to hold him on her lap; when the spasms abated he became furious, beat and bit those who attempted to hold him*,[21].—Convulsive movements of the whole body, causing a constant change of position in the bed, accompanied by blowing or hissing expirations,[241].—About 9 A.M. convulsions set in, and she died in one at 10 A.M.,[184].—[**1410.**] Tossing violently

† Author says nothing about catalepsy.—HUGHES.

in his father's arms, with a spasmodic twitching of the hands, like a child agitated and suffering from chorea (after two hours and a half),[167].—Muscles of whole body convulsed, and the child screaming almost incessantly,[149]. —Convulsive movements of the head from side to side, gradually becoming worse, and followed by general twitchings, grating of the teeth, trismus, spasms of the neck, difficult swallowing, stupefaction; afterwards the boy lay perfectly unconscious on his back; when raised, the neck and spine were bent backward, the limbs were in constant convulsive motion, with frequent shaking of the whole body as from electric shocks,[144].—**Constant motion of all the body; the muscles were in constant movement as if the boy had chorea; the features were continually changing, at times laughing, at times expressing astonishment; the lips moved as if endeavoring to speak, sometimes puckered as in whistling; the mouth was frequently opened and snapped together; the tongue was often run rapidly out of the mouth and licked about the cheeks; the whole head thrown backwards and forwards; the spine and whole body affected by spasmodic twisting; the upper and lower extremities in constant movement, not jerking; anxiety and restlessness; the hands were frequently carried to the face, rubbing the nose and mouth, pulling at the lips, groping about, fingering the bedcovers, scratching the face or throat; at times the arm suddenly sank down relaxed for a moment, the whole body seemed exhausted, then the muscular spasms would begin anew*,[233].—Hands and feet completely retroverted, and the muscles of each extremity rigid; a slight, but distinctly-marked trembling shook every part of his body; the trunk equally rigid with the limbs; he uttered a constant moan, with occasional shrieks, and could only be pacified by holding his chest pressed closely to his mother's breast; his whole conduct was like that of a child terribly frightened and apprehending some terrible calamity; he could not stand and would not lie down; the pupils of both eyes were dilated to the full extent of the cornea and perfectly immovable and insensible to the light; the least noise, however, startled him, and holding a candle before his eyes caused violent convulsions of the extremities, particularly a drawing backward and increased rigidity; a decided and very nervous effort to swallow occasioned an increase of his spasms; he could not articulate; during the spasms the limbs were so rigid I could not bend them; there was entire loss of voluntary motion; constant tremor, preventing my counting the pulse with exactness,[151].—Violent convulsions,[147].—Frequent and violent convulsions, particularly of the arms, face, and neck (after three hours),[238]. —Powerfully agitated, making singular movements, her eyes fixed and staring, and unable to reply to the questions put to her (after five minutes),[1.1].—Violent convulsive motion of the muscles of lower jaw, lips, and upper and lower limbs, right side,[68].—Violent convulsive movement of the lower jaw, of the lips, left arm, and right lower extremity,[89].—[**1420.**] Violent convulsions in bed, during which he was frantic and had to be tied (after six hours),[6].—Strong convulsion, alternating with great excitement of mind (after five hours),[94].—***Frightful convulsions at the sight of a lighted candle, a mirror, or of water**,[6].—Violently convulsed; every muscle in his body appeared to be in violent commotion. He was continually beating his breast with his hands, like a Catholic doing penance. His jaws were set as in tetanus; he moaned continually; his breathing was stertorous, and occasionally there was rattling in his throat. His extremities were cold, his pulse nearly obliterated; he had cold, clammy sweats, and his countenance was hippocratic (after two hours),[83].—**Much convulsed; when they were loudly spoken to, or when anybody touched them, their convul-*

sions became more frequent and violent. By degrees the spasms became less violent, and their skin, from being intensely hot, became moist; their pulse was still quick but softer. **They now rejected every kind of liquid, and seemed to labor under hydrophobia, for on offering a cupful of drink to them, the moment it touched their lips the spasms returned with great violence,**[35].—**The torpor gave place at irregular intervals to severe convulsive fits, during which the child shrieked violently, and the voice was particularly hoarse,*[81].—The motion of the body and limbs resembled those which mark the highest grade of *chorea sancti viti*, but were much more convulsive and violent, and excited in the spectators rather a painful than ridiculous emotion,[76].—*The action of the muscles of the trunk was very great; the boy was several times bent backward as in opisthotonos; the muscles of the extremities also were very active; *he also grasped at the mouth and face with his fingers and tried to get out of bed, and constantly seemed to make efforts to grasp small objects, though he had no spasms,*[153].—There seemed to be general contraction of the whole muscular system, excepting the sphincter of the bladder,[241].—Contraction of the muscles,[145].—[**1430.**] **Uneasiness,*[6 34 197].—**Excessive uneasiness,*[107 119 140].—**Constant excessive restlessness,*[79]. —***The child became restless, tossed about, called for water; could swallow with great difficulty,**[229].—He appeared very restless and agitated, stretching himself at full length, throwing his arms and legs about, and sometimes seizing his neck with both hands (after one hour),[203].—There was a great deal of restlessness with itching of the skin (after a few hours),[66].—Extremely restless; not at all disposed to sleep,[97].—***Constant restless movements of the limbs and of the whole body,**[233].—Tossing about, complaining to be hot,[64].—Restlessness, with moaning, tossing about the bed, throwing about the arms and legs, but most the arms, with frequent opening and shutting of the hands, and many motions of the fingers,[66].—[**1440.**] Great desire to lie down,[1].—Feel weak, at 5.30 P.M. (second day),[210]. —Weak when walking,[25].—Weakness of the body; weariness of the feet,[1]. —Great loss of power and prostration,[87].—Felt languid, in the afternoon (first day),[222].—Languor,[145 209].—Languor, loss of sensation (touch, taste, etc.), and palpable diminution of sensorial power (after three hours),[164].—Complained of general lassitude and great weariness,[71].—Lassitude and weakness of the limbs,[93].—[**1450.**] The boy complained of being tired on waking up, in the morning (second day),[66].—When rising, he threatens to fall (first eight hours),[3].—Tottered so as almost to fall from its chair (in five minutes),[177].—Symptoms of exhaustion, gradually becoming weaker and weaker (after twenty hours),[102].—Prostration of strength (after second dose); the dejection and debility increased, and the patient feeling herself so much weakened thought she would certainly die (after third dose),[127].—Fainting,[15 95 97], etc.—Fainted twice,[55].—Fainting, with great dryness in the mouth,[15].—Fainting, in the forenoon, with great paleness of the face, and afterwards loss of appetite,[15].—Faint feeling with trembling (two hours after third dose, third day),[219].—[**1460**] Collapse,[197].—General hyperæsthesia,[150]. —A boy being whipped for his foolish conduct did not feel it at all,[67].—She had great dread of cold water, but warm water seemed to relieve the symptoms; upon placing the hands in cold water she would scream out, as if it caused her great pain or frightened her, but on placing her hands in warm water she seemed to enjoy it,[241].—Cramps,[84].—Unusual pain and anxiety,[75].—It is cooling, anodyne, and sedative,[38].—When in a sitting position she would fall over, principally towards the right side, making a circular sweep,[241].—Several times when walking along the street, I experi-

enced a sort of *aura* or wave of sensation running swiftly up the body from the *right* heel to the occiput, *i. e.*, all along the *posterior right* side of the body. Occasionally I would feel suddenly arrested, as if tripped up by a backward thrust in the popliteal space, causing the knees to give way under me; several times I came to a dead stop through this sensation (ninth day),[223].—Creeping extending from the left side into the thigh, or into the toes of the same side, thence into the abdomen, whence the creeping descends again into the right thigh and foot,[15].—[**1470.**] I was always relieved for a few seconds by imbibing any liquid,[194].—Worse in the forenoon,[64].

Skin.—Objective. Skin of a leaden hue, cold and clammy,[208].—Surface pale and cold,[99].—Turned red; reddish-brown, like some cherries; all over, even the buttocks down to the knees, not further,[64].—Turning dark red-brown, like Indians, all over, the one suddenly; two boys of three and four years,[67].—Face and front of his chest of a coppery red color, somewhat mottled, similar to the color of the skin of the North American Indians (half an hour after eating some seeds),[66].—When the (copper-colored) eruptions began to decline, the alæ nasi and space around the mouth, and a spot on each temple were white,[66].—Copper color visible on the left knee, not on the right, at 9 P.M. (after two hours),[66].—**Skin of the whole body red*,[140 237].—[**1480.**] ***Scarlatinous redness of the skin**,[131].—* *Whole cutaneous surface of his body intensely red, as crimson*,[151].—*The whole surface became fiery red*, and remained so for eight hours,[108].—**Red appearance of skin*,[237].—**Skin had the peculiar "boiled lobster" hue of scarlatina*,[207].—* *Color of skin a bright scarlet, extending over the face, body, and limbs*,[156].—**Skin scarlet, and burning hot*,[179].—**Scarlet-red spots over the whole body*,[150].—Skin very red, very hot, and moist,[155].—**Body covered with an erythematous, or rather scarlatiniform blush*,[174].—[**1490.**] Whole surface of a bright crimson; but the skin was not dry, and the redness disappeared on pressure, returning very rapidly,[172].—All had roughness and redness of skin, especially on face and trunk,[159].—***Intensely red rash in the skin, resembling the rash of scarlet fever, but having a more shining appearance**; disappearing on the third day,[241].—Body covered with an eruption resembling rubeola, except that it was more prominent; this eruption lasted about twelve hours (after third day),[94].—***Red rash breaks out**,[1].—The face, neck, and breast were covered with hundreds of small brilliant petechia, many of which had a stellated form,[91].—Chest and back covered with a red rash, pale in the morning, redder, and out more, in the afternoon; more visible in warmth, for eleven days, followed by desquamation,[15].—* *The redness of the skin did not appear very markedly on the lower extremities until it began to subside on the superior portions of the body*,[204].—General suffusion,[80].—* *Very marked flushing of the hands, arms, face, neck, and back. This rash resembled that of scarlatina simplex, the bright red disappearing under pressure, and immediately returning after the removal of the pressure* (after three hours),[236].—[**1500.**] Lower extremities flushed and very warm (after one hour); this redness was more marked in the anterior region of the thighs (after one hour),[203].—***Scarlet efflorescence over the whole body**, *which was much more bright and lively than that which characterizes scarlatina*,[76].—Signs of congestion, with redness and pain,[195].—An old cicatrix on his forehead was very red,[66].—Generally congested state of the skin, without any eruption, resembling that of scarlatina,[196].—Face and upper part of the body universally covered with a vivid erysipelatous redness, which gradually disappeared after venesection (after five hours),[94].—Erysipelas on the right side of the cheek, nose, and face,[15].—Erysipelas of the left cheek immediately after the menses,[15].—His face

was covered with patches of an irregular shape, not elevated above the rest of the skin, and of a brilliant fiery red color,[191].—A general eruption on her skin, accompanied with considerable swelling, itching, and inflammation,[33].—[1510.] Itching eruption,[29].—On the morning of the third day, the body of the younger child became covered with a small papular eruption, which continued for several days, accompanied with fever,[142].—Many pimples, like blotches, on several parts of the body, also in the palms of the hands, with a stinging itching, like nettles, increased by rubbing,[1].—A pimple on *right* side of nose, rather painful to touch, and occasionally a stinging pain in it (fourth day); pimple full of pus (fifth day); pimple almost gone (seventh day),[219].—Vesications on the skin after the violent symptoms had subsided,[75].—(Spots on the arm like flea-bites), (after three hours),[1].—Inflamed, painful pustules on the left leg, exuding an acrid water (after a few weeks),[23].†—The local application to an abraded portion of the skin may give rise to all the effects of poisoning,[62].—On the left leg near the calf, an eruption of small blisters spreading over the whole leg; blisters very painful, with much heat and redness, and oozing a hot sharp, acrid fluid,[29].—A boil in the groin,[1].—[1520.] Several boils on the feet,[15].—***Subjective.*** Skin burning,[162].—A burning above the knee when walking, and heat through the whole body, with violent thirst, in the evening (after twelve hours),[3].—Creeping under the skin,[15].—Itching of the skin, with a great deal of restlessness (after a few hours),[66].—General itching of the whole surface of the body, but more especially of the face (after half an hour),[102].—Itching over the whole body, early in the morning, after waking,[15].

Sleep.—Sleepiness. Frequent yawning, with inclination to sleep, with great restlessness (after 200 drops),[123].—Drowsy and staggering,[6].—Drowsiness in daytime,[15].—[1530.] **Drowsiness succeeded by coma* (immediately),[83].—After a deep sleep, full of dreams, during which he has an emission, he feels quite dizzy, and he sees as through a gauze (after twenty-four hours),[3].—Sleepiness, but scarcely had she fallen asleep when she woke, and began to prattle and laugh in a senseless manner,[232].—Unusually sleepy on waking (eighteenth day),[219].—Sleepiness, in the evening (seventh day),[215].—Sleepiness all evening, on and off (after fifteen minutes),[212]; (after five minutes),[211].—Sleepy in the evening, after dark (first day),[223].—Excessive sleepiness, at 9.30 P.M. (sixteenth day),[219].—Complained of being tired on waking up, in the morning; got up and went to bed again two or three times (next morning),[190].—Great desire to lie down and sleep,[161].—[1540.] In half an hour felt sleepy, ate a part of a sour apple and slept a short time, but soon started up in a fright, with flushed face and mild delirium,[204].—Sleep,[27].—He often falls asleep, and when waking, assumes a comically majestic appearance,[1].—Sleeping in the daytime; he wakes with an important and solemn look,[2].—Slept later than usual (seventeenth day),[219].—Quiet sleep,[15].‡—Sleeps a few hours (after some minutes),[25].—Sleeps twenty-four hours,[16].—Awakes with difficulty, in the morning,[1].—*Deep sleep, with snoring*,[26].—[1550.] Deep sleep and various dreams; one full of different apparitions,[77].—Some fall into a deep sleep, even twenty-four hours long; they lie as if dead,[13].—Deep, snoring sleep, sometimes drawing up the leg,[18].—**Stupefied half slumber*,[5].—Deep sound sleep; during it, very deep breathing, with the greatest exertion, and snorting during inspiration and expiration,[3].—Slumber, with rattling breath, and bloody froth at the mouth;

† For right, read left.—HUGHES. ‡ Curative effect.—HUGHES.

dark-brown face; death,[17].—***Sleeplessness.*** Sleepless,[15].†—Sleeplessness, with walking about the room, and with hallucination,[168].—Remained awake all night, tossed about his bed, and uttered screaming cries,[6].—Restless night,[36 232].—[**1560.**] Restless sleep, violent headache, and profuse urination,[15].—**Restless sleep, full of dreams, with tossing about the bed,*[15].—Troublesome night, awaking three or four times, with sickness and vomiting,[37a].—While slumbering he hears two persons talk, but he does not know who they are,[3].—Starting in sleep, with rising up in bed and looking vacantly around, with incoherent talking (second night),[66].—Frequent starts, at night,[146].—**In sleep, twitching of limbs,*[64].—[Sleep interrupted by screams],[15].—[Screaming and howling, at night],[15].—Snoring during a swoon,[15].—[**1570.**] Did not rest well, at night; frequent waking,[146].—Waking, with a start, as though dreaming,[172].—[Wakes from his sleep with a scream],[15].—***Dreams.*** There is no disposition to sleep, but it produces agreeable dreams,[93].—Wandering, indistinct dreams,[146].—Strange dreams of a frightful kind,[200].—Amorous dream (third, sixth, and thirteenth night),[219].—Sleep disturbed by dreams, such as he never before remembered to have had,[122].—Vivid dreams about things that have happened,[1].—Different kinds of dreams,[24].

Fever.—Chilliness. [**1580.**] Chilliness and shivering in the limbs, at night,[15].—Coldness and chill, for eight hours,[1].—Shaking chill through the whole body, with single jerks, partly of the whole body, partly of single limbs, of the elbows and knee-joints, without thirst,[3].—Chilliness along the back, in the afternoon,[15].—Whenever he takes a dose, a disagreeable, shuddering chill runs over him as if he dreaded it (after three, four, and five hours),[3].—From 6 to 7 P.M. felt chilly (second day),[210].—General shivering, with the uneasiness about the throat,[123].—**Shivering sensation on the chin,*[12].—She lies on the floor, cold, senseless, and weak, and breathing feebly (after two hours),[23].‡—**Coldness of the whole body,*[1].—[**1590.**] Temperature diminished,[103].—Affected with a "sudden coldness in a very extraordinary manner,"[157].—Temperature diminished, skin cold, covered with cold sweat,[163].—Skin cool,[153].—Skin rather cool, but no more than could be attributed to an hour's exposure in the wind,[166].—Skin icy cold, and covered with clammy sweat, the hands and feet livid (after seven hours),[201].—Skin cold and moist,[98].—Skin cold, and covered with sweat,[97].—Face, hands, and feet blue and cold,[118].—Extremities and trunk cold,[34].—[**1600.**] Extremities cold, almost immovable,[31].—Coldness and paralysis of the limbs,[78].—***Coldness of the limbs,***[1 81 98], etc.—**Hands and feet cold,*[153].—**Hands and feet cold, often bluish,*[233].—Inferior extremities cold,[102].—The feet were extremely cold early in the morning, and, nevertheless, very sensitive to the least cold draft,[1].—***Heat.*** Fever,[186]; (first day),[227].—Typhoid fever of the remittent character, with pains beginning in the left ear and terminating in the left side of the chest, with dry cough, which aggravates the pain very much,[66].—***Violent fever,***[33 181].—[**1610.**] [Fever, after noon],[15].§—Violent fever at noon, returning with the same violence about midnight,[15].—Fever daily, in the afternoon,[15].—Fever, in the evening, for two days,[15].—[After the vomiting in the evening, continuous, violent fever, with profuse sweat],[15].‖ Fever; first heat in the head, afterwards coldness of the whole body, followed by heat of the whole body, with anguish; sleeps during the heat;

† After emetics and clysters.—HUGHES.
‡ Earliest effects.—HUGHES.
§ Apparently only a sympathetic of an inflamed arm.—HUGHES.
‖ The beginning of phthisis, of which the patient died.—HUGHES.

after awaking, violent thirst; he feels a stinging in his palate until he drinks,[1].—High fever; burning heat and redness of the skin, attended with an itching eruption over whole face and trunk of the body; but the feet and legs were paler and cooler than natural,[40].—Temperature increased,[100 239].—Temperature, especially of the head, elevated,[169].—Temperature very high,[144].—[**1620.**] Becomes hot,[1].—Heat of the whole body,[23].—Heat and sweat all over, without thirst (after five hours),[1].—With the least motion, heat over the whole body, and sweat (after twenty-four hours),[3].—Heat and anxiety rise from the abdomen upward, causing redness of the cheeks,[54].—Feeling of general heat for some minutes (after second dose, second day); feeling of great heat (after third dose, second day),[210].—She is hot, then cold, shivering; she feels as if cold water was being poured down her back,[200].—**Dry heat over the whole body*,[192].—**Glowing heat and redness of the head and face, with coldness and paleness of the rest of the body*,[233].—Great heat of the body,[14].—[**1630.**] Great heat, with quick and small pulse, and bright-red vermilion-colored countenance,[21].—Towards noon great heat, redness of the face, vertigo, and tears in the eyes,[15].—Hot cheeks,[18].—He covers himself carefully during the heat; but if he merely puts out a finger from under the cover the pains immediately become very violent,[1].—Skin hot,[91 204], etc.—Skin excessively hot and congested, especially the face and upper extremities,[160].—Skin burning hot, and dry,[139].—Hot and perspiring skin on the surface of the trunk,[102].—**Skin hot and dry*,[101 149 174].—Skin hot, and not dry,[231].—[**1640.**] Great heat of the whole surface (after fourteen hours),[81].—***Skin hot, dry, and burning, of a continuous scarlet color over the whole body** (after six hours),[187].—Heat of surface elevated and dry,[170].—Skin warm,[41].—Skin warm and dry (after eleven hours),[183].—Skin hot, and presenting a bright scarlet efflorescence of a lobster color, somewhat raised above the plane of the cuticle, and rough to the touch,[157].—Head moderately warm (after one hour),[203].—Head hot,[120 180].—Heat of the head and sparkling eyes,[15].—Head hot; also the whole body,[64].—[**1650.**] During chill, heat in head; during the hot stage, cold feet; during the sweat, cannot bear to be uncovered,[64].—***Head very hot**,[157].—***Heat in the face**,[1].—***Hot, red face, with cold hands and feet*,[18].—Sensation of heat in the face, when coldness and chilliness passed,[1].—Skin of face and upper extremities burning hot,[178].—Alternately a feeling of great heat and cold in the limbs, which were affected with trembling (after two hours),[124a].—***Sweat.*** Sweat, with thirst and dim vision,[15].—Perspiration, with warm skin,[132].—Skin moist,[100 234].—[**1660.**] Sweat, with diminished appetite,[15].—Sweat, after severe thirst,[15].—Copious sweat,[16].†—Frequent sweat, with good appetite, diarrhœa, distension of the abdomen, and colic,[15].—Profuse sweat, with pain in the abdomen,[15].—Profuse sweat, with burning of the eyes and dim vision,[15].—Copious perspiration (after one hour),[203].—Violent perspiration from incessant motion,[209].—Slight sweat, at night,[1].—Very great sweat, at night,[15].—[**1670.**] Profuse sweat, at night,[15].—A cold clammy sweat covered the entire surface of the body,[229].—**Cold sweat on whole body*,[6].—Cold, clammy perspiration,[173 202].—Greasy sweat, with increased thirst,[15].—Head all day wet with perspiration (second day),[188].—Head perspired more than usual (second day),[189].—Perspiration on the forehead while the rest of the body was red, dry, and hot,[120].—Very profuse sweat on the face and forehead,[15].—Sweat on the back,[15].—[**1680.**] Cold sweat on the paralyzed

† During convalescence, after antidotes.—HUGHES.

limb,[89].—Lower part of paralyzed lower limb covered with sweat,[68].—Whole body dry,[233].

***Conditions.*—Aggravation.**—(*Morning*), Mental state; vertigo; frontal headache; dim vision; cough; itching.—(*Forenoon*), The symptoms.—(*Noon*), Fever.—(*Evening*), When walking, unsteadiness; in dark-room, blue spots before eyes; eructations; cough; fever.—(*Night*), Pain in sternum; sweat.—(*When alone*), Mental state.—(*Cough*), Pain in chest.—(*Coffee*), Stupor, anxiety, etc.—(*Darkness*), Mental state.—(*Eating*), Trembling of hands.—(*Light of a lamp*), Convulsions.—(*During menses*), Loquacity; voluptuous odor of body.—(*After menses*), Sobbing and whining.—(*Motion*), Vomiting of bile; pain in abdomen and back.—(*Pressure*), Pain in stomach.—(*Sitting*), Giddiness.—(*Standing*), Vertigo.—(*Swallowing*), Dryness of throat; spasm of throat.—(*Talking*), Pain in chest and sternum.—(*Walking*), Giddiness; pain in right side of head; pain in chest; pain in breasts; pain in right hip-joint; pain in thigh.—(*Walking in open air*). Frontal headache.

Amelioration.—(*Indoors*), The symptoms.—(*Imbibing liquid*), The symptoms.—(*Leaning head to right*), Pain in right side of head.—(*Rubbing*), Itching in eye; feeling of sand in eye.—(*Vinegar*), Stupor, anxiety, etc.—(*Warmth*), Pain in chest.—(*Cold water*), The symptoms.

STRONTIUM.

Strontium carbonate.

Preparation, Triturations.

Authorities. (From Hartlaub and Trinks, R. A. M. L.). **1**, Ng.; **2**, Schreter; **3**, Seidel; **4**, Trinks; **5**, Woost.

Mind.—Very violent and quarrelsome for a long time,[2].—Apprehensive and anxious, as from a bad conscience (thirteenth and fourteenth days),[1].—She is very ill-humored and quarrelsome,[1].—Fretful, thoughtful, and not inclined to talk (fifth day),[1].—Very fretful; is inclined to beat everything that comes in his way,[2].—Great forgetfulness (first day),[3].

Head.—Vertigo. Vertigo and nausea, in the morning,[1].—Vertigo, at noon, with pressive headache in the left side,[1].—Excessive vertigo, at noon,[1].—[**10.**] Vertigo, in the afternoon, with sticking headache in the forehead,[1].—Vertigo with weariness, in the evening,[1].—Vertigo, with a pressing sensation from within outward in the temples,[3].—Dizziness in the head, as from drinking wine (after one hour),[5].—***General Head.*** The head covering causes dulness of the head (first day),[3].—Heaviness of the head, with discomfort of the whole body (first day),[3].—Tensive pain in the head as if the whole skin on the vertex were drawn up (first day),[2].—Headache at first tensive, then pressive drawing extending about the head, in the evening (after twenty-five days),[2].—Headache as if the whole head were made tense, from within outward, when lying in bed, especially when lying with the head low, several evenings in succession (after twenty-six days),[2].—Tensive pain in the head extending from the vertex into the upper jaw, in the evening (after twenty-eight days),[2].—[**20.**] Spasmodic drawing from the head through the eyeball, frequently recurring (after four hours),[3].—A sudden painful jerking from time to time, here and there, in the head (eighth and ninth days),[1].—Sticking and tearing, ulcerative pain and heaviness in the whole head, in the morning after rising (tenth day),[1].—Transient stitches in the head,[5].—***Forehead.*** Heaviness of the

forehead, with frequent fine stitches, wherewith the whole head feels shattered (second day),[1].—Violent pressive pain in the forehead, as if everything would press out,[5].—Pressive headache, commencing in the forehead and extending over the whole head, in the afternoon,[1].—Two painful tearings in the middle of the forehead (fourth day),[1].—Violent sticking headache in the left frontal eminence, which extended into the side of the head (third day),[1].—Burning in the forehead (first day),[3].—[30.] Pressive pain in the sinciput, especially in the frontal region and in the orbits (after a quarter of an hour),[3].—***Temples.*** Pressing feeling in both temples and towards the forehead (after twenty minutes),[3].—Dull drawing pain in the right temple (after half an hour),[3].—A violent dull stitch in the right temple, which extended to all sides (ninth day),[1].—Sticking pain in the right temple, in the afternoon,[4].—Sticking pain in the left temple, towards evening,[4].—Tingling in the temples, in the evening (sixth day),[1].—***Vertex and Parietals.*** Thrusts like stitches in the vertex and occiput (after six days),[1].—Sticking and tearing in the upper part of the right side of the head,[1].—***Occiput.*** Dull pain in the occiput,[5].—[40.] Pressive pain in the occiput, in the evening (first day),[3].—Violent compressing pain in the middle of the occiput (after eight hours),[3].—Violent boring pain in a small spot in the right side of the occiput, at night (first day),[3].—Violent tearing in the right side of the occiput (fifteenth day),[1].

Eye.—Burning in the eyes aggravated by moving them; followed by sticking in them, during which the whites were injected with red vessels (after nine days),[1].—Violent burning in the eyes, with profuse lachrymation and redness of the white of the eye on exerting the eyes (after five days),[1].—Biting in the right eye, relieved by rubbing, followed by pressure as from sand in the eye, wherewith he saw blue and red rings (fourth day),[1].—Itching of the left eye,[1].—***Orbit.*** A sudden pressure above the left eye, with a feeling as if everything internal moved somewhat (sixth day),[1].—A sudden pressure as with the ball of the finger above the right eye (sixth day),[1].—[50.] Very frequent painless jerking or twitching above the left eye (eighth day),[1].—***Lid.*** Visible twitching of the left upper lid (ninth day),[1].—Violent jerking in the left upper lid as if it were forcibly shaken (third day),[1].—Violent burning in the outer canthi, in the morning,[1].—Painful itching sensation in both inner canthi (after ten hours),[3].—***Ball.*** Pressive pain on the upper surface of the left eyeball (after half an hour),[3].—***Vision.*** Great weakness of the eyes, for several days,[1].—Flickering before the eyes,[5].—On looking away from her work and to one side, long green spots appeared before the eyes in the dark, and also appeared to go before her when walking in the dark; frequently repeated (third day),[1].

Ear.—Tearing in front of the right ear as if in the bone (fifth day),[1].—[60.] Sticking in front of the left ear, extending into it (second day),[2].—A painful boring and tearing in the right ear (third day),[1].—Roaring and tearing in the right ear in frequent paroxysms (after twelve days),[1].

Nose.—Frequent sneezing (second day),[1].—Nosebleed (fifteenth day),[3].—Frequent blowing of bloody crusts from the nose (after fourteen days),[1].—Twitching in the left side of the nose,[1].—Transient griping at the tip of the nose (after three days),[3].—Frequent itching sensation in both nostrils and on several parts of the face (first day),[3].

Face.—Twitching in the left malar bone, extending into the frontal eminence (third day),[1].—[70.] Violent boring pain in the right cheek-bone (after half an hour),[3].—Frequent tearing in both cheeks (sixth day),[1].—Frequent tearing in a small spot on the right cheek (sixth day),[1].—Tran-

sient tearing in the left zygoma three times in succession (ninth day),[1].—Sensation in a small spot on the right cheek, as if a cold substance had fallen upon it, with tickling,[1].—Violent transient tearing in the right upper jaw, several days in succession, at 5 P.M.,[1].—Sharp intermittent stitches in the right cheek (sixth day),[1].—***Lip.*** Violent jerking in the upper lip,[1].—Very transient prickling pains in the left half of the upper lip and in both cheeks (after nine hours),[3].—Feeling as if there were a blister on the right side of the upper lip,[1].—***Chin.*** [80.] Violent stitch in the left side of the chin, extending into the articulation of the jaw, where it seemed as if it would be pressed inward, without, however, hindering its motion,[2].—Tearing in the right lower jaw (fifth day),[1].

Mouth.—Teeth. The front teeth feel on edge (first day),[3].—Violent clawing in the teeth, so that he scarcely knew what to do; preceded by accumulation of much water in the mouth,[2].—A screwing-together sensation in the teeth (second day),[1].—Jerking pain in the lower back tooth,[1].—Transient jerking in the roots, now of the right, now of the left teeth, in the evening,[1].—Painful jerking in the right eyetooth,[1].—Tearing in the roots of the incisors,[1].—Tearing in a sound back tooth,[1].—[90.] Tearing and sticking in the stump of a tooth, in the evening,[1].—Sticking toothache,[4].—Fine crawling and drawing in the front teeth (after half an hour),[3].—***Gum.*** The gum of the right eyetooth and right cheek were swollen up as far as under the eye and painful to touch,[1].—Burning in the whole gum and a feeling as though it were swollen,[1].—A transient stitch in the upper gum (ninth day),[1].—***Tongue.*** The tongue is coated with mucus, with a feeling of dryness upon it (fourth day),[1].—The tip of the tongue is painful as if eroded (after twenty-six days),[2].—***General Mouth.*** Bad odor from the mouth (second day),[2].—Mouth slimy, in the morning on waking (after four days),[1].—[100.] A painful pimple internally on the left cheek,[1].—Dryness of the mouth, in the morning on waking,[1].—Feeling of dryness in the mouth with the usual secretion of saliva (after one hour),[3].—Feeling of numbness in the mouth, in the morning on waking (seventh day),[1].—***Taste.*** Bitter taste in the mouth, in the morning, with dryness on the palate (after twenty days),[2].—Dry earthy taste in the mouth with a thickly-coated tongue (tenth day),[2].

Throat.—Rawness of the throat, which provokes hacking cough,[1].—Rawness and dryness in the throat, in the morning,[1].—Sudden rawness in the throat, which provokes hawking, and is relieved thereby, in the evening (fourth day),[1].—Pain in the left side of the throat on swallowing (seventh day),[1].—[110.] Fauces inflamed and painful on swallowing (after twenty-four days),[2].—Some itching in the pharynx on swallowing,[1].

Stomach.—Appetite and Thirst. After dinner, hunger again, which, however, soon disappears without eating anything (first day),[1].—Loss of appetite,[5].—No appetite; as soon as he ate a few mouthfuls of meat it disgusted him; black bread tasted the best, for three weeks together (after four days),[2].—Loss of appetite; nothing had a natural taste except milk and black bread (first day),[1].—Much thirst (first days),[1].—Very great desire for beer, for eight days in succession (after six days),[2].—***Eructation and Hiccough.*** Empty eructations,[1].—Violent long-continued hiccough, which caused pain in her chest (fourth day),[1].—***Nausea.*** [120.] Nausea, with a sensation of burning heat in the face (after a quarter of an hour),[3].—Constant nausea, with diminished appetite,[5].—Stomach insipid and nauseated, with weakness and ill-humor,[1].—Qualmishness with retching (after two hours),[5].—She is qualmish in the

pit of the stomach (after half an hour),[5].—***Stomach.*** The stomach feels oppressed, with, on inspiration, a sensation in it like a slowly spreading stitch, in the afternoon,[1].—Pressure in the pit of the stomach,[5].—Pressure in the stomach, worse on walking, relieved by eructations; it disappears on eating but returns after a few hours, with a feeling of fulness in the whole abdomen,[5].—Constriction in the stomach, followed by uprisings of clear water,[1].—Burrowing in the stomach and upper abdomen (soon),[1].—[**130.**] Twinging feeling in the stomach (after half an hour),[1].—Cutting feeling in the epigastric region, in the afternoon,[4].—Stitches in the stomach, now in the right, now in the left side (fourth day),[1].

Abdomen.—Hypochondria. Pressive bruised pain in both hypochondria (after three-quarters of an hour),[5].—***Umbilicus and Sides.*** Pain about the umbilicus, with rumbling in the umbilical region (after ten hours),[3].—Cramplike pain in the umbilical region, with some nausea (soon),[3].—Unable to stoop on account of a distressing tense sensation above the navel,[1].—Griping about the navel with flatulent distension, almost all day (eighth day),[1].—Painfulness of the left flank when touched and on certain movements of the trunk (after eight days),[1].—Extremely painful burning cutting in the right side of the abdomen, in the morning (ninth day),[1].—[**140.**] Cutting in the right side of the abdomen (after twenty-four hours),[5].—Violent stitches in both flanks, worse on inspiration,[1].—Many sharp stitches in the last right ribs, in the afternoon on stooping,[1].—Sticking pain in the right flank on blowing the nose,[5].—***General Abdomen.*** Great flatulent distension and tension in the abdomen with emission of flatus, in the afternoon (second day),[1].—The abdomen seems full and distended as after flatulent food,[5].—Emission of flatus, several evenings,[3].—Emission of intolerably offensive flatus, in the evening (first day),[3].—Rumbling in the abdomen, soon followed by a semifluid stool, towards morning,[4].—Violent rumbling in the abdomen with emission of offensive flatus (fourth day),[1].—[**150.**] Great gurgling in the abdomen (after eight days),[1].—Griping movements in the abdomen after breakfast (first day),[3].—Griping in the abdomen with a semiliquid stool, during the menses,[1].—Slight griping in the upper abdomen after eating, for several days,[3].—Pinching pain transversely across the upper abdomen,[3].—Pinching in the abdomen at night, whereupon she woke; this was twice repeated towards morning, followed by diarrhœa and succeeded by tenesmus and burning in the anus (after three days),[1].—Acute drawing extending from the abdomen through the hypogastric region and groin thence to the rectum, followed by inclination to stool,[3].—Cutting colic with chilliness, after supper (after twenty-eight hours),[5].—Cutting pain in the whole abdomen, in the evening (seventh day),[1].—Cutting pain in the upper abdomen, after which, flatulence distended both sides of the abdomen like lumps, in the afternoon (first day),[1].—[**160.**] Wandering cutting in the abdomen, with desire for stool, followed by diarrhœa four times, the last time with tenesmus and burning in the rectum (tenth day),[2].—***Hypogastrium and Iliac Region.*** Incarceration of flatus in the lower abdomen, followed by a very soft stool (second day),[1].—Tension in the lower abdomen,[1].—Tensive pain in the lower abdomen and a bruised sensation in the small of the back, as if the menses would come on, in the evening,[1].—Violent cutting in the lower abdomen, with semiliquid stool; the pain disappeared only on rubbing and warming the abdomen, in the afternoon (second day),[1].—A pressing-out pressure in the right inguinal region, as if a hernia would appear, immediately after dinner,[5].—Violent tension, burning, and throb-

bing in the right groin (seventh day),[1].—A painful tearing in the left groin on rising from a seat,[1].

Rectum and Anus.—Long-continued constrictive movements in the rectum after a normal stool,[3].—Hæmorrhoidal pain within the anus,[5].—[170.] Burning in the anus for a long time after the usual stool,[1].—Violent urging to stool, followed after great effort by the evacuation of only a hard scanty stool, with much flatulence (second day),[1].—Tenesmus in the anus after the diarrhœa-like stool (fourth day),[1].

Stool.—Diarrhœa. Diarrhœa twice (first day),[2].—Purging five times, with burning in the rectum (thirty-third day),[2].—Purging preceded by pain in the abdomen (third day),[1].—Diarrhœa of yellow water four times, and afterwards another white evacuation like meal-broth with rumbling in the abdomen (fifteenth day),[1].—The stool is passed in lumps like sheep-dung, and only with great effort, so that she thought she would faint, and with most frightful pain, followed by burning in the anus (seventh day),[1].—Hard stool with burning in the anus, several days,[1].—***Constipation.*** Some constipation (third day),[3].—[180.] The stool omits (first day),[1 5].—Stool delayed a few hours, without being hard (second and third days),[3].

Urinary Organs.—Desire to urinate, in the morning (first day),[3].—Increased evacuation of urine,[2].—She was not obliged to rise at night to urinate, she usually was,[1].—Obliged to urinate at night, less than usual,[2].—Diminished evacuation of urine (third day),[1].—Urine scanty and pale,[2].—Urine pale and of an ammoniacal odor (first day),[3].—The urine is dark yellow and more copious than usual (first day),[2].—[190.] Urine of a normal appearance, has a strong odor of iodine,[5].

Sexual Organs.—Male. A very transient pressive pain in the right spermatic cord while urinating,[5].—***Female.*** Leucorrhœa, while walking (fifth and eleventh days),[1].—The menses that were already flowing became more profuse, but soon again ceased,[1].—Menses seven days too early, of short duration, and with forcing pains in the abdomen,[1].—Menses two days late, first like meat-water, on the third and fourth days large clots of blood were passed; with colic,[1].—Menses six days too late,[1].

Respiratory Organs.—Voice. Hoarse voice (fifth day),[1].—***Cough.*** Constant cough, though worse at night, for several days (after thirteen days),[1].—Short cough, now and then, with pressive pain in the chest after walking,[5].—[200.] Dry hacking cough, in the evening,[1].—Frequent hacking cough, as if caused by irritation in the trachea (third day),[1].—***Respiration.*** Dyspnœa, while walking, with uneasiness and burning in the face during the headache (fourth day),[1].

Chest.—Constriction in the chest (third day),[2].—Pressive pain in the chest, especially on motion (second day),[3].—Spasmodic drawing and clawing in the chest,[5].—Stitches in the chest on coughing and on inspiration (after five days),[1].—***Front and Sides.*** Painfulness of the sternum to touch (sixth day),[1].—Slight burning on the left side of the sternum extending upward,[5].—Sore pain on the forepart of the chest (third day),[1].—[210.] Pressure upon the sternum,[2].—Pressive pain beneath the sternum, at night, which disappeared in the morning on rising (after six days),[3].—Slight sticking in the ensiform cartilage, on walking in the open air (ninth day),[1].—Dull stitches deep internally beneath the ensiform cartilage, taking away the breath (ninth day),[1].—Lightning stitches extending from both sides of the sternum in a vertical direction through the chest,[5].—Drawing pain in the right pectoral muscles (fifth day),[3].—A sore pain externally on

the second and third false ribs, as from a blow, aggravated by touch (after half an hour),[5].

Heart and Pulse.—Dull intermitting pressure in the præcordial region,[1].—Violent beating of the arteries and of the heart,[2].

Neck and Back.—Neck. Tearing tension in the nape of the neck as if the tendons were drawn up, extremely painful and frequently recurring (ninth day),[1].—[**220.**] Burning in the right side of the neck, on motion and on touch (fourth day),[1].—Pain as if beaten, in the back and small of the back, in the forenoon; stooping and motion were difficult; the pain was also aggravated by touch or by taking the back out of the sun into the shade, which immediately caused a disagreeable drawing feeling; the pain extended from the small of the back over the hips; as this pain disappeared there occurred a pressive headache, now in the sinciput, now in the occiput, constantly recurring for fourteen days (after ten days),[2].—Fine drawing pain in the back from the pelvis, in the evening before going to bed,[4].—Slight drawing pain along the spine, in the afternoon, which changes to a seated dull tearing in the joints of the lower extremities, aggravated by walking,[4].—Sticking pain in the back, towards noon,[4].—***Dorsal and Lumbar.*** Tensive drawing in the dorsal and lumbar muscles, while sitting (after nine hours),[5].—Acute pressive pain, at night, in the region of the first lumbar vertebræ (after five days),[3].—Drawing pain in the left lumbar region, towards evening,[4].—Pain in the small of the back as if beaten, together with pressure in the lower abdomen, while sitting (fifth day),[1].—Pain in the small of the back, especially during rest, for several days,[3].—[**230.**] Some pain in the small of the back during a hard evacuation from the bowels (third day),[3].—Painful gnawing in the small of the back, while walking (third day),[1].—Fine drawing pain in the small of the back, in the evening, which gradually changes to a burning pain in the joints of the left lower extremity,[4].—Drawing pain in the small of the back, towards evening,[4].—Drawing pains in the pelvis extending upward and into the lumbar region, towards morning,[4].—Tearing pain in the small of the back, in the morning,[4].—Slight sticking pain in the small of the back, toward evening,[4].—Drawing in the pelvis, towards evening, which extends to the joints of the lower extremities and becomes a sticking,[4].

Extremities.—Trembling in all the limbs,[4].—A trembling sensation changing to a dull pain in all the limbs, in the morning,[1].—[**240.**] Heaviness in all the limbs, in the forenoon,[4].—Dull tearing pain in all the joints of the right limbs, in the evening,[4].—Violent tearing pains in all the joints of the left upper and lower extremities, which changed to weakness of the parts, in the morning,[4].

Superior Extremities.—The veins of the arms and hands are injected and tense, with great prostration and ill-humor (ninth day),[1].—Weakness of the right arm as if all power had left it, disappearing on motion (ninth day),[1].—Violent tearing pains in the joints of the right upper extremities, in the evening on going to bed, becoming more violent in bed,[4].—Slight tearing in the joints of the left arm, in the evening while sitting, with great weariness,[4].—***Shoulder.*** A painful paralytic sensation in the left shoulder and elbow-joint, at night (after seven days),[3].—Constant burning pain in the right shoulder-joint,[4].—Pressure in a small streak on the left shoulder,[1].—[**250.**] Extremely painful tearing in both shoulders, in the evening (seventh day),[1].—Tearing from the right shoulder-joint to the middle of the forearm, at night in bed (seventh day),[1].—Tearing pains

in the joints of the right shoulder and elbow,[4].—Some tearing in the left shoulder and then the same in the left thigh,[1].—Sticking pain in the right axilla, towards evening,[4].—A dull stitch in the right shoulder-joint,[1].—Intermittent sticking pain in the right shoulder, in the afternoon,[4].—***Elbow.*** Dull drawing in the elbow-joints,[3].—Tearing in the right elbow,[1].—Tearing from the elbow to the middle of the forearm, always when touched with the finger, even when it is brought near it,[1].—[**260.**] Tearing pain in the left elbow, wrist, and finger-joints, towards evening,[4].—***Forearm.*** Paralytic pain in the right forearm, in the evening (sixth day),[1].—Intolerable pain in the middle of the right forearm like a tearing, tension and pinching; disappearing on motion (after fifteen days),[1].—Gnawing as if in the marrow of the right ulna, in the evening,[1].—Tensive tearing in the forearm as if in the marrow of the bones,[1].—Violent tearing in the middle of the right forearm, in the evening,[1].—Pulsating stitches in the inner surface of the left forearm,[1].—***Wrist.*** Tearing in the right wrist and elbow-joints, on going to bed, aggravated in bed,[4].—Burning pain in the left wrist, in the evening,[1].—***Hand.*** The hand and whole forearm became quite insensible as if paralyzed, but warm, becoming again sensitive on motion (seventh day),[1].—[**270.**] Tearing extending from the inner surface of the right hand to the middle of the forearm, in the evening,[1].—***Fingers.*** Great trembling or rather shaking of the fingers of the right hand on pouring a liquid over them,[1].—Numbness of the right thumb,[1].—Pinching pain in the right middle finger, extending into the hand,[1].—A painful sensation like a burning and tension between the left thumb and index finger, even in the evening (eighth day),[1].—Acute drawing in different phalanges and in the bones of the wrists (first and second days),[3].—Tearing jerking in the finger joints,[1].—Tearing in the tendons of all the fingers, extending up into the forearm, on letting the arm hang down (second day),[1].—Intermittent tearing gnawing in the right little finger,[1].—Tearing and throbbing on the left side of the thumb (second day),[1].

Inferior Extremities.—[**280.**] Paralytic pain in both lower extremities, in the evening (sixth day),[1].—Slight jerking in the right lower extremity,[4].—Jerking in the lower extremities and starting up of the whole body on falling asleep (fifth day),[3].—Very acute drawing in the right lower extremities during rest, disappearing during motion, in the evening (first day),[3].—Painful drawing and paralyzed sensation in the whole leg, when walking in the open air, which disappears in warmth and rest,[5].—Slight tearing pain in the lower extremities, extending from below upward, and disappearing in the lumbar region,[4].—Slight tearing pain, in the morning, starting from the knee-joint, extending through the pelvis, and disappearing in the lumbar region,[4].—Itching pain in the left lower extremity (after twenty-six days),[2].—***Hip.*** Drawing pain in the right hip, starting from the ankle and knee-joints, in the morning,[4].—Tearing pain in both hip and knee-joints, in the morning,[4].—[**290.**] Violent tearing from the right hip into the knee, disappearing when walking (fourth day),[1].—***Thigh.*** Weakness first in the right thigh, then in both thighs, still worse in the evening in bed (second day),[1].—Paralytic pain in the thighs, in the evening while sitting,[1].—Painful gnawing in the left thigh as if in the marrow of the bone,[1].—Frequent jerking sticking in the right thigh, as if in the bone (sixth day),[1].—Jerking tearing in the right thigh, in the evening while sitting (sixth day),[1].—Extremely painful tearing in the left thigh, as if in the bone,[1].—A violent stitch on the crest of the right ilium, while sitting,[1].—***Knee.*** An indescribable pain on the inside of the right

knee,[1].—Dull pain in the knee and ankle-joints, aggravated by walking and standing,[4].—[**300.**] Drawing pain in the right knee and ankle-joints, towards evening,[4].—A pulsative clawing from the knee to the toes, in the evening on lying down, which prevented falling asleep till midnight; at last itching of the toes with cessation of the pain (third day),[2].—Dull tearing pains in both knees and ankles, aggravated by walking,[4].—Tearing in the right patella,[1].—Violent tearing pains in the left knee and ankle-joints, after midnight,[4].—Burning about the knee and in the exostosis on the tibia (formerly caused by the abuse of Mercury), at 9 P.M., on lying down in bed. This was afterwards associated with headache, as if the occiput were pressed outward, and finally a clawing in the teeth of the left upper jaw; all this lasted till about 11 o'clock, when he fell asleep (second day),[2].—***Leg.*** Great swelling of the left leg and foot, in the evening (eighth day),[2].—Sudden weariness of the leg, worse during rest,[1].—While sitting the calves suddenly become weak and weary as after a long walk,[1]. —Griping and clawing in both legs, in the morning, followed by burning itching in the toes (after ten days),[2].—[**310.**] In the evening on going to bed, sensation of a pressive pain like a weight in the joints of the legs,[4].—Drawing pain in the muscles of the right leg, on lying down in the evening, and continuing through the night,[5].—***Ankle.*** Tearing in the right outer malleolus (seventh day),[1].—Constant sticking pain in the ankle and knee-joints, in the evening,[4].—***Foot and Toes.*** The (habitual) œdematous swelling of the left foot almost entirely disappeared (third day),[2].—Violent pain in the foot, all night, with general dry heat; the next morning he began to perspire and perspired the whole forenoon, whereupon the feet immediately felt freer (sixth day),[2].—Numbness and crawling in the right heel with tearing in the toes,[1].—Extremely painful tearing in the left heel, in the evening while sitting,[1].—Sticking pain in the left heel, in the evening after lying down,[1].—Painful constrictive tearing in the sole of the right foot and in the ankle,[1].—[**320.**] Violent tearing in the middle joint of the second toe, and when this disappeared violent itching in the root of the nail,[1].

Generalities.—*Emaciation;* all the clothes become too loose,[1].—Weak, tremulous sensation in the body (after two hours),[2].—Feeling of weakness, with paralysis and jerking in all the limbs, in the evening,[4].—The whole body is weak and prostrated, especially the lower extremities, in the morning,[1].—*Great weakness, in the morning,*[4].—Intolerable weariness, in the evening,[4].—Great weakness and prostration of the whole body, even in the morning in bed, lasting nearly all day (ninth day),[1].—Great weakness, in the evening, with much yawning, impaired use of the extremities of the right side, slight sparks before the eyes and pressive pain in the left side of the head,[4].—Bruised sensation in the whole upper part of the body,[5]. —[**330.**] An attack; in the evening tension over the whole head, lasting five minutes, followed by tensive pressure over the whole chest; thence the same pain extended into the small of the back, thence up between the shoulders, again into the small of the back, and thence at last into the left (diseased) foot, where it remained all night; if he lay upon the back at night, the back and small of the back were painful as if sore (after nine days),[2].—A single sudden jerk through the upper part of the body on falling asleep, in the afternoon and at night, which made her wide awake,[5].—It acts especially upon the right half of the body,[5].†—Many of the pains

† Still there are many symptoms which show the opposite.—H. and T.

of Strontium appear like phantoms, so that she can scarcely tell the place where they are,[1].—The pains of Strontium appear to be especially seated in the long bones and in the marrow,[1].—She feels better in the open air,[1].

Skin.—Objective. The skin which is tightly adherent to the scar on the forearm (as if grown to it) continues to loosen more and more (after twenty days),[2].—***Eruptions.*** A small red pimple, without sensation, but bleeding when touched, on the nose,[1].—A small pimple on the upper lip painful to touch,[3].—A pimple in the corner of the mouth and itching on the chin,[1].—[**340.**] A red pimple filled with pus at the tip, on the left chest,[1].—Itching pimples as large as peas under the skin on the legs, with compressive pains in the small of the back and in the left thigh,[2].—Small red pimples on the ankle and back of the foot, with violent burning itching, aggravated by scratching, lasting several days (after twenty days),[2].—Small, red, painless blisters on the forehead,[1].—An ulcer on the arm is moister than usual, especially at night, is sore to touch and burns, especially towards morning; at night, the suffering arm perspired profusely (first and second days),[2].—***Subjective.*** Itching biting on the chin,[1].—Biting between the shoulders, relieved by scratching,[1].—Itching here and there over the whole body, relieved by scratching, but not entirely removed,[1].—Constant itching of the nose,[1].—Increased itching in the tip of the nose, in the evening,[3].—[**350.**] Itching in various parts of the face,[3].—*Itching of the right cheek, becoming worse after scratching,*[1].—Itching on the chin and right side of the neck, not relieved by scratching,[1].—Itching here and there on the neck, chest, occiput, in the evening,[1].—Itching between the scapulæ, which, after scratching, changed to another place,[1].—Itching on the abdomen and left thigh, in the evening,[1].—Itching on the right shoulder and upper arm, becoming worse on scratching,[1].—Itching on the forearms,[3].—Itching on the crest of the right ilium, becoming worse after scratching,[1].—Itching on the right natis; after scratching the spot burns,[1].—[**360.**] Itching along the tibia,[3].

Sleep.—Sleepiness. Frequent yawning,[1].—***Sleeplessness.*** Can not fall asleep for a long time, in the evening (ninth day),[1].—Sleep restless, full of dreams,[5].—Sleep restless, interrupted by frightful dreams after midnight,[3].—Frequent starting up in fright, in the evening while half asleep, she was even apprehensive and depressed with trembling all over and heaviness of the chest (third day),[1].—Towards morning, waking from the usually sound sleep,[3].—He woke as many as twenty times at night, with dry cough, and always on waking had vertigo, even to falling (after fourteen days),[2].—He woke every moment at night, but soon feel asleep again (first eight days),[2].—He woke about 2 A.M., and was only able to fall asleep again after an hour (after seven days),[1].—***Dreams.*** [**370.**] Indifferent dreams,[3].—Dreams of fire, from which she awoke in fright,[1].—Grieving dreams,[1].—Dream filled with joy, so that she cried aloud in sleep,[1].

Fever.—Chilliness. Chilliness, in the forenoon (first day),[3].—Chilliness with shivering, in the forenoon,[4].—Chilliness and colic after the usual stool,[1].—Shaking chill, in the evening (ninth day),[1].—Shivering over the scalp (after half an hour),[3].—Shivering over the upper part of the back (after three-quarters of an hour),[3].—[**380.**] Creeping chilliness from the small of the back down over the posterior portion of the thigh, when walking in the open air,[5].—Sensation of icy coldness on the surface of the outer portion of the calf for the length of a finger,[1].—Feet icy cold, in the evening (fourth day),[1].—***Heat.*** Dry heat, followed by perspiration at night

(after twenty-six days),[2].—Extraordinary sensation of heat in the head and face, with redness of it, and a feeling as if the head would burst at the vertex, associated with anxiety, apprehension, and sleepiness, in the afternoon when walking, lasting till after lying down in the evening (fourth day),[1].—Frequent rising of burning heat into the face,[1].—Violent heat and burning like fire in the face with redness; beginning in the morning and gradually increasing till 3 P.M., after which it disappeared till evening (seventh day),[1].—Heat comes from the mouth and nose, the lips crack, the tongue is dry, with thirst (fifth day),[1].—Heat and burning of the feet, in the evening after lying down (fourth day),[1].—Increased sensation of warmth in the hands, with internal chilliness and cold extremities and feet (after five hours),[3].—***Sweat.*** [**390.**] Much perspiration, all night (first day),[2].—He perspired profusely at night, and if he uncovered the feet he immediately had pain in them (after eight days),[2].

Conditions.—**Aggravation.**—(*Morning*), Vertigo; on waking, mouth slimy; trembling in limbs; weakness of body.—(*Forenoon*), Chilliness.—(*Noon*), Vertigo.—(*Evening*), Vertigo; headache; tingling in temples; dry hacking cough; tearing in forearm; weakness in right thigh; weakness; chilliness.—(*Night*), Cough.—(*In bed*), Tearing in wrist and elbow-joints.—(*Blowing nose*), Pain in right flank.—(*After eating*), Griping in abdomen.—(*Inspiration*), Stitches in flanks.—(*Motion*), Pain in chest.—(*Moving eyes*), Burning in them.—(*During rest*), Pain in small of back; drawing in lower extremity; weariness of leg.—(*On rising from sitting*), Tearing in left groin.—(*Scratching*), Itching of pimples.—(*Standing*), Pain in knee and ankle-joint.—(*Stooping*), Stitches in last right rib.—(*Swallowing*), Pain in left side of throat; inflammation of fauces; sticking in pharynx.—(*Touch*), Pain on second and third false ribs; tearing from elbow to forearm.—(*Urinating*), Pain in right spermatic cord.—(*Walking*), Pressure in stomach; dyspnœa; drawing along spine; gnawing in small of back; pain in knee and ankle-joints.

Amelioration.—(*Open air*), Feels better.—(*Eructations*), Pressure in stomach.—(*Motion*), Pain in forearm; drawing in lower extremity.—(*Rubbing*), Biting in right eye.—(*Scratching*), Biting between shoulders; itching.—(*Walking*), Tearing in right hip and knee.

STRYCHNINUM.

An alkaloid, obtained from several species of Strychnos, especially from Strychnos nux vomica, L.

Formula, $C_{21}H_{22}N_2O_2$.

Preparation, Trituration of the alkaloid, or solution of its salts.

Selected authorities. (1 to 18 from Noack and Trinks.) **1**, Andral, in Magendie, Journ. de Physiol., July, 1823; **2**, Hirl, in Dierbach's Neuesten Entd., 2, p. 536; **3**, Richter, Preuss. Med. Vereins-Zeitg., 1834, 36, vom salpeters Strych.; **4**, Blumbach, Würtemb. Med. C. Blatt., 1837, 1, bei einem 17 jähr Burschen v. 2 scrupel Strychn. pur.; **5**, Burdach, Preuss. Med. Vereins-Zeitg., 1837, p. 115; **6**, Weyland, Casp. Wochenschr., 1840, 24, vom Strychn. nitr.; **7**, Behrend, Preuss. Med. Vereins-Zeitg., 1840, vom Strychn. nitr.; **8**, Beck, Würtemb. Med. C. Blatt., 1844, Nr. 25; **9**, Provinc. Med. and Surg. Journ., 1845, December; **10**, Schmidt, Preuss. Med. Vereins-Zeitg., 1845, 9; **11**, Sichel, Annal. d'Oculist, 1846; **12**, Theinhardt, Casp. Wochenschr., 1846, Nr. 9; **13**, Huss; **14**, Civinni; **15**, Oppler; **16**,

Pritzou; **17**, Trousseau and Pidoux; **18**, Carron de Villard; **19**, Dufresne, Bibliothèque Homeopathique (Lond. Med. Gaz., vol. 10, 1832), a lady, æt. 40 years, took for facial neuralgia a hundred millionth of a grain of Strychnine; **20**, Philalethes, Lancet, 1834–5 (1), p. 256, a woman took five pills containing an unknown quantity of Strychnine; **21**, Dr. Epps, Lancet, 1836–7 (1), p. 133; **22**, Dr. Wegeler, Casper's Med. Woch., 1840 (A. H. Z., 19, p. 222); **23**, same, Nitrate of strych.; **24**, Wehand, Casper's Med. Woch., 1840 (A. H. Z., 19, p. 223), a woman, æt. 35 years, subject to epilepsy, took 3 grains; **25**, Ludicke, Journ. für Pharm., 4, p. 199, a woman, æt. 40 years, took $\frac{1}{24}$ grain Nitrate every three hours, then $\frac{1}{12}$ grain six times in succession; **26**, Schmied, Schweizer's Zeit. für Nat. und Heilk., vol. 6, 1841 (Journ. für Pharm., 4, p. 199); **27**, Scheible, Annal. des Staats-Arzneik., etc., 1843 (Brit. Journ. of Hom., 3, p. 61), death of an apothecary; **28**, Fohr, Zeit. für Rat. Med., 1844 (Journ. für Pharm., 4, p. 199), a man, æt. 60 years, took of a solution of 2 grains Acetate to 1 ounce, 15 drops three times a day, increasing by 2 drops daily, until at last he took 40 drops at a dose; **29**, Wimmer, Neue Med.-Chir. Zeit., 1844 (A. H. Z., 28, 158), effect of inunction of as much as $\frac{1}{4}$ grain Strychnine in the temporal region; **30**, James Watson, Lond. Med. Gaz., 1846, fatal poisoning of a girl, æt. 13 years, by three pills, each containing $\frac{1}{2}$ grain; **31**, Prov. Manchester Courier, abridged in Dublin Med. Press, 1846 (Month. Journ. Med. Sci., vol. 6, p. 141); **32**, Comach's Month. Journ., February, 1846, p. 141 (Guy's Hosp. Rep., 1856 (2), p. 348), a woman, æt. 35, took 3 grains of powder in tea, death in three-quarters of an hour; **33**, Cattell, Brit. Journ. of Hom., vol. 11, p. 173, Nitras; **34**, Report of Drs. Allen, D. Warner, and Russell, on death of Dr. William Cullen Warner, Bost. Med. and Surg. Journ., vol. 36, 1847, p. 209; **35**, Hampshire Independent (Lancet, 1848 (2), p. 543), Mrs. S. swallowed some Strych., death in an hour and three-quarters; **36**, Dr. Thomas Anderson, Am. Journ. of Med. Sci., 1848 (1), p. 563, a man took $3\frac{1}{2}$ grains for tic douloureux, and five hours later a second dose; **37**, Pharm. Journ., vol. 8, 1848–9, p. 298, a woman took 3 grains in liquid, death in an hour and a quarter; **38**, A. B. Shipman, Bost. Med. and Surg. Journ., vol. 41, 1849, a medical gentleman took $\frac{1}{4}$ grain of Sulphate; **39**, A. W. Munson, Bost. Med. and Surg. Journ., vol. 42, p. 43, Mr. G., æt. about 40 years, swallowed probably 1 or 2 grains of Strych.; **40**, George Bennett, Lancet, 1850 (2), p. 259, Amelia H. took 5 drachms of a solution of 10 drachms of cinnamon-water and 3 grains of Strych.; **41**, Jahrbuch für Prakt. Pharm., 1850, vol. 21, a boy, æt. 7 years, having worms, was given Strych. instead of Santonin; **42**, Dr. Dresbach, Western Lancet, 1850 (Am. Journ. Med. Sci., New Ser., 19, 1850, p. 546), a man, æt. 24 years, took 3 ounces of a solution containing 1 grain to the ounce; **43**, Edward G. Bartlett, M.D., North Am. Journ. of Hom., vol. 1, 1851, p. 469, a man, æt. 22 years, took 3 grains dissolved in water; **44**, J. C. Foster, M.D., Lancet, 1852 (2), p. 33, S. S., æt. 52 years, swallowed a solution containing 1 grain; **45**, I. Pidduck, M.D., ibid., p. 80, a man took two doses of $\frac{1}{6}$ grain in sugar; **46**, T. Hillier, Med. Times and Gaz., 1854, p. 316, A. B., æt. 18 years, took 2 grains; **47**, Henry Lonsdale, M.D., Lond. and Edinb. Month. Journ., 1855, p. 116, death of a man, æt. 59 years, in an hour after $1\frac{1}{2}$ grains; **48**, Pharm. Journ., vol. 15, 1855–6, p. 478, poisoning of a woman æt. 28 years; **49**, G. J. Hinnell, Med. Times and Gaz., 1855, p. 413, T. M., æt. 33 years, ate 4 to 5 grains on bread; **50**, J. J. Lescher, M.D., Am. Journ. of Med. Sci., New Ser., 29, 1855, p. 269, E. W., æt. 30 years, took 4 grains after a hearty breakfast; **51**, F. Ryland,

Assoc. Med. Journ., 1856, p. 500, a man took 1½ grains, death in five hours; **52**, Dr. Geoghegan, Dublin Med. Press, June, 1856 (Guy's Hosp. Rep., 1856 (2), p. 352), a man took 5 grains, death in twenty to twenty-five minutes; **53**, A. S. Taylor, M.D., Guy's Hosp. Rep., 1856 (2), 352, John Parsons Cook took an unknown quantity, death in one hour and a quarter after last pills; **54**, Drs. Lawrie and Cowan, Glasgow Med. Journ., July, 1856 (Brit. and For. Med.-Chir. Rev., 1856 (2), p. 407), a man, æt. 22 years, took 3 grains; **55**, Dr. Stevens, ibid., a man in the habit of taking ⅛ grain in solution twice a day took more than the usual quantity; **56**, Dr. Bruce, ibid., a man took 4 grains in solid form; **57**, G. M. Jones, Esq., Lancet, 1856 (2), p. 302, Jane D. took ½ grain commercial Strych.; **58**, Times, February 18th, 1857 (Pharm. Journ., vol. 16, 1856–7, p. 485), William Gummow took 3 grains; **59**, T. W. Craster, Lancet, 1856 (2), p. 107, a woman took ¼ grain; **60**, R. W. Martyn, ibid., p. 117, a lady, æt. 45 years, took ¼ grain; **61**, James Campbell, ibid., p. 695, Mrs. M. took an unknown quantity; **62**, same, a man, æt. 30 years, took about 10 grains; **63**, Morse Stewart, M.D., Peninsular Med. Journ., October, 1856, p. 186, a man, æt. 45 years, took a quantity; **64**, same, Mrs. E. A. P. took from 5 to 15 grains in water or ice-cream, death after five hours; **65**, Lewis H. Steiner, M.D., Trans. Am. Med. Assoc., vol. 9, 1856, p. 755; **66**, same, Dr. George A. Gardiner swallowed a paper package containing commercial Strych. or a mixture of Strych. and Brucia; **67**, James Kirk, M.D., Med. Times and Gaz., June 14th, 1856, p. 609, a young man took, it was supposed, 6 grains; **68**, Med. Times and Gaz., August 23d, 1856, poisoning of a child; **69**, R. Adams, ibid., Mr. D., æt. 65 years, took 20 grains; **70**, ibid., p. 274, Mrs. Harriet Dove, æt. 28 years, took Strych. in jelly; **71**, S. A. Gus. Shaw, M.D., Am. Journ. of Med. Sci., New Ser., 31, 1856, p. 547, a woman, and a child 2 years old, ate the Sulphate on dried beef; **72**, Tarchini-Bonfanti, Gaz. Lomb., 1856 (S. J., 91, p. 300), poisoning of a man æt. 45 years; **73**, Palmer, Arch. Gen., July, 1856 (ibid.); **74**, Perini, S. J., 91, p. 302, a person took 3 grains; **75**, Gaz. Med. Italian, from Gaz. Med. de Paris, 1856 (Zeit. für Verein Hom. Aust.), poisoning by an indefinite amount; **76**, Hencke's Zeit. für Staät, 1856 (Zeit. für Verein Hom. Aust.), case of poisoning; **77** and **78**, same, other cases; **79**, Rochester, Am. Journ. of Med. Sci., October, 1856 (Brit. and For. Med.-Chir. Rev., January, 1857), a man, æt. 32 years, took 4 grains; **80**, John H. Claiborne, M.D., Virginia Med. and Surg. Journ., 1857, p. 460, a man, æt. 30 years, took a quantity in water; **81**, G. W. Arnett, M.D., Charleston Med. Journ. and Rev., vol. 12, 1857, p. 86, a man, æt. 28 years, took a quantity; **82**, H. O. Jewett, M.D., Bost. Med. and Surg. Journ., vol. 56, 1857, p. 491, a boy, æt. 15 years, took probably 2 grains; **83**, Dr. McClintock, Dublin Med. Journ., 1857 (2), p. 215, a boy, æt. 16 years, took 11 grains spread on bread and butter; **84**, H. L. Givins, M.D., Am. Journ. of Med. Sci., 1857 (1), p. 63, a young man took 10 or 12 grains; **85**, George Hodgetts, Pharm. Journ., vol. 16, 1857, p. 389, Mr. M. took 4 grains; **86**, Ernest P. Wilkins, Lancet, 1857 (1), p. 551, Mr. G., æt. 23 years, took 3 grains on a biscuit, death in six hours; **87**, J. R. G., New Orleans Med. News and Hosp. Gaz., 1858, p. 451, Mrs. L. G., an elderly woman, took a large dose; **87** *a*, same, a few days later took another dose; **88**, J. F. Ogilvie, M.D., Med. Times and Gaz., October, 1858, p. 443, M. C., æt. 21 years, took 4 grains, after drinking largely of pure brandy the previous evening; **89**, Thomas O'Reilly, M.D., Med. Times and Gaz., January, 1858, p. 600, Mr. Johnson took 6 grains in beer; **90**, Douglass A. Reid, Med. Times and Gaz., December,

1859, p. 663, Mr. S. allowed the mouth of a bottle containing Strych. to touch an abrasion of the cuticle of last phalanx of thumb; **91**, Douglass Bly, M.D., New York Med. Journ., 1859 (2), p. 423, a man took 4 grains; **92**, Mr. T. Orton, Pharm. Journ., 1859, p. 245, a girl, æt. 16 years, died from effects of Strych.; **93**, Dr. Davies, ibid., p. 247, Robert. G. Visick died from Strych.; **94**, Dr. S. S. Harris, Am. Med. Times, vol. 1, 1860, p. 100, Thomas W., æt. 28 years, took 6 or 8 grains; **95**, J. B. Dunlap, M.D., Med. and Surg. Rep., 1860, p. 227, Miss S. R., æt. 24 years, swallowed 4 grains; **96**, Pharm. Journ., July, 1860, a girl, æt. 11 years, took Strych., death; **97**, J. R. Smith, Am. Journ. of Med. Sci., New Ser., vol. 40, 1860, p. 278, a man took an unknown quantity; **98**, L. A. Lawrence, Lancet, 1861 (1), p. 571, a woman, æt. 30 years, took an unknown quantity; **99**, George Harley, M.D., ibid., p. 480, W. B. Carleton describes the case of a boy, æt. 12 years, who took 3 grains in a pill, death; **100**, George Harley, M.D., ibid., p. 397, a girl, æt. 11 years, took an unknown quantity of pure Strych.; **101**, Dr. Henrie, Brit. Med. Journ., 1861 (2), p. 400, a child, æt. 4 years, took the powder in preserves, death in half an hour; **102**, Dr. M. Schuppert, New Orleans Med. Times (Med. Times and Gaz., 1861 (1), p. 499), poisoning of a man; **103**, Dr. Langenbeck, Gaz. de Paris, 1861 (S. J., 112, p. 171), 6 milligrams were injected into lachrymal gland, in a man suffering from amaurosis; **104**, Schüler, Gaz. de Paris, No. 6, 1861 (Syden. Year-Book, 1861, p. 427), $\frac{1}{10}$ grain was introduced, without result, at various times into the eye of a man æt. 50 years, who had suffered from amaurosis, then $\frac{1}{20}$ grain was injected into lachrymal canal; **105**, Martius, Memorabilien, 1862, p. 67 (S. J., 131, 235); **106**, Lancet (Brit. Journ. of Hom., vol. 20, 1862, p. 173), poisoning of a woman æt. 28 years; **107**, J. B. Wilmot, M.D., Med. Times and Gaz., March, 1862, p. 250, poisoning of a girl æt. 18 years; **108**, Blumhardt, Wurt. Corr.-Blatt., vol. 7, No. 1, 1863 (Journ. für Pharm., vol. 4, 199), a boy, æt. 17 years, took about 2 scruples; **109**, Dr. Lankester, Pharm. Journ., 1863, p. 378, George Heimsath, æt. 43 years, drank beer containing Strych., death; **110**, same, Collis drank a small quantity of same, recovery; **111**, W. D. Buck, M.D., Am. Med. Times, vol. 7, 1863, p. 205, Mary Ann Gibney took a quantity of Strych.; **112**, Dr. Frankel, Vjs. für Ger. Med., 1864 (S. J., 131, 235), a man took 5 or 6 grains; **113**, Genets de Serviere, Gaz. Heb. Dom., 1864 (S. J., 131, 235), a woman was poisoned; **114**, same, second case; **115**, Joseph Wilson, M.D., Am. Journ. of Med. Sci., New Ser., 48, 1864, p. 70, a man, æt. 22 years, took probably 40 grains; **116**, George T. Barker, Am. Journ of Med. Sci., New Ser., 48, 1864, p. 399, poisoning of a woman; **117**, Bertholle, Am. de Hyg., 1865 (S. J., 131, 235), poisoning of a man; **119**, Norman Cheevers, M.D., Indian. Annals of Med Sci., 1866 (Ranking's Abstract, 1866 (2), p. 225), a girl, æt. 11 years, swallowed an unknown quantity; **120**, Dr. Tracy E. Waller, Phila. Med. Reporter (Pharm. Journ., 1866, p. 533), Dr. —— swallowed 4 grains in water, taking several drinks of whisky before and two afterwards; **121**, S. A. McWilliams, M.D., Chicago Med. Exam., 1866, p. 726, Mrs. T., æt. 31 years, took 5 grains; **122**, Dr. Maschka, Prag. Vjs., 1867 (S. J., 137, 293); **123**, Holmes Coote, Brit. Med. Journ., 1867, p. 513, a woman, æt. 40 years, took 3 minims; **124**, Julian S. Sherman, M.D., Chicago Med. Exam., 1867, p. 138, Charles W., æt. 23, took 2 grains; **125**, omitted; **126**, Stacy Hemenway, M.D., Chicago Med. Exam., 1867, p. 528, James G., æt. 28 years, took a quantity in milk; **127**, Henry Robinson, Month. Hom. Rev., vol. 12, 1868, 252, R. R., æt. 29 years, robust and very healthy, took in all about $7\frac{1}{2}$ grains of Liquor strych. (off. prep.), 20 drops

in a tumbler of water, in two doses, one in the morning, one in the evening (first day), 30 drops in three doses (second day), three doses of 12, 15, and 10 drops (third day), four doses of 10 drops each (fourth, fifth, sixth, and seventh days), 48 drops in four doses (thirteenth, fourteenth, and fifteenth days), 60 drops in four doses (sixteenth day), 60 drops in three doses (seventeenth day), 60 drops in four doses (eighteenth to twenty-second day), occasional doses of laxative medicine as required (after twenty-three days), took Camphor and Gum arabic (forty-first day), $\frac{1}{6}$ grain of Morphia twice, 20-drop doses of Hyoscyamus, and a large quantity of Linseed tea (forty-sixth day); **128**, same, A. F., a woman, æt. 34 years, very healthy, took 15 drops in a wineglass of water (first day), 20 drops as before (fifth day), 25 as before (eleventh day), 30 as before (fourteenth, seventeenth, twenty-first, twenty-fourth, twenty-seventh, thirty-first, thirty-fourth, and thirty-seventh days), 35 as before (forty-first day), 30 as before (forty-third and forty-seventh days), 445 drops in fifty-three days; **129**, Most's Denkwurdig., 1, 147 (Hom. Exam., vol. 3, 1844), a boy, æt. 4 years, took 4 grains every three hours; **130**, Med. Times and Gaz., 1868 (1), p. 499, poisoning of a child; **131**, James T. Newman, M.D., Med. and Surg. Rep., vol. 20, 1869, p. 234, Miss Kate Pindar took two pills of Strych.; **132**, Tardieu and Roussin, Ann. d'Hyg., 34, p. 128 (Syd. Year-Book, 1869–70, 461), a woman survived 15 grains for eighteen hours; **133**, Dr. Keyworth, Glasgow Med. Journ. (Pacific Med. and Surg. Journ., 1869, p. 569), a woman took 3 grains; **134**, James J. Rooker, M D., Cincinnati Lancet and Obs., vol. 12, 1869, p. 333, poisoning of Mr. A.; **135**, Med. Times and Gaz., 1869 (1), p. 613, poisoning of a man; **136**, Dr. Cameron, Med. Times and Gaz., 1869 (2), 491, M. A. B., æt. 17, took probably $\frac{3}{4}$ grain; **137**, J. H. Grimshaw, M.D., Pharm. Journ., Second Ser., vol. 11, 1869–70, p. 45, a child, æt. $1\frac{1}{2}$ years, was poisoned by a powder; **138**, omitted; **139**, C. B. Gillespie, M.D., Am. Journ. of Med. Sci., 1870 (2), p. 420, a man swallowed $2\frac{1}{2}$ grains; **140**, W. W. Hewlett, M.D., New York Med. Journ., vol. 13, 1871, p. 297, a man, æt. 30 years, swallowed 5 grains; **141**, Cephas L. Bard, M.D., Phila. Med. Times, June, 1871, p. 316, a man ate cakes made from flour containing Strych.; **142**, Brighton Daily News (Pharm. Journ., Third Ser., vol. 2, p. 16), Mr. Miller ate sweetmeats containing Strych.; **143**, same, S. A. Baker, æt. 4 years, died from effects of eating same; **144**, Thomas Moore, Lancet, 1872 (1), p. 431, a young man took over a grain; **145**, S. Haughton, M.D., Brit. Med. Journ., 1872 (1), p. 660, a man, æt. 19 years, ate an egg in which some Strych. had been placed; **146**, S. A. Turner, M.D., Med. and Surg. Rep., vol. 26, 1872, p. 529, a Sioux Indian, æt. 45 years, took a quantity of Strych. in food; **147**, E. H. Coover, M.D., Med. and Surg. Rep., vol. 26, 1872, p. 520, Mr. E. R. Burke took 1 grain; **147*a***, same, account of same as reported by Mr. Burke himself; **148**, Schmid, Memorabilien, 1873 (S. J., 163, 131), poisoning of children; **149**, G. W. Copeland, M.D., Brit. Med. and Surg. Journ., 1873 (2), p. 450, a man swallowed 5 grains; **150**, G. D. O'Farrell, M.D., Phila. Med. Times, February, 1873, p. 311, J. W., æt. 50 years, took 2 grains; **151**, Report of Brooklyn City Hospital, Med. Rec., vol. 9, 1874, p. 345, a person took 5 grains; **152**, Dr. Carbert, Canada Lancet, vol. 7, 1874, p. 10, George Finlayson took $3\frac{1}{4}$ grains; **153**, Dr. C. Bivine, Phila. Med. Times, 1875, p. 720, poisoning of a girl æt. 16 years; **154**, J. B. Sim, Lancet, 1875 (2), p. 310, a woman swallowed 6 drachms Liquor strych.; **155**, J. C. Ogilvie Will, M.D., Edinb. Med. Journ., 1875, p. 907, G. S., æt. 18 years, swallowed not less than 4 grains, probably 5 or 6; **156**, W. W. Hays, M.D., Pacific Med. and Surg. Journ., January,

1875, p. 389, a woman took a dose; **157**, H. P. Cole, U. S. Med. Invest., New Ser., 2, 1875, p. 432; **158**, W. F. McNutt, M.D., ibid., November, 1876, p. 251, a middle-aged woman took 14 grains; **159**, Dr. Hippel, Hom. Times, vol. 4, 1877, p. 86, effects of doses of 2 to 4 milligrams; **160**, H. G. Landis, M.D., Phila. Med. Times, October, 1877, p. 6, a man, æt. 29 years, took over 2 grains; **161**, O. G. Shelden, M.D., Med. Rec., vol. 14, 1878, p. 87, A. Manning, æt. 44, somewhat insane, took, it was alleged, between 7 and 8 grains.

Mind.—Emotional. Delirious; she, however, possessed sufficient lucidity to state that a certain person had given her a white powder in a glass of wine (after eighteen hours),[132].—She was much like a mad woman all night,[19].—Shouted out, "They are coming for me,"[68].—A species of imbecility arising from an excessive acuteness to impressions,[21].—A peculiar nervous erethism, almost resembling what I had seen in a case of hydrophobia several years before. The patient was very much alarmed and excited, slightly delirious, answering questions correctly when asked, but wandering when left to himself, and begged most piteously that I would not hurt him. I was forcibly struck with the very marked resemblance of the delirium in this case to that which I had often seen in *mania a potu.* The same nervous restlessness and fear of being injured, the same hyperæsthesia and shrinking from currents of air, made the similarity very striking (after seven hours),[161].—Nervous agitated feeling, with sensation of stupor and headache (twenty-first night),[128].—Extreme nervous excitability, ugly face passing before the eyes (twentieth night),[128].—Extreme nervous excitability; she felt light and nonsensical (thirty-seventh day),[128].—Mental condition agitated, but consciousness perfect throughout,[63].—[**10.**] Excessively nervous and alarmed (after two hours and a half),[36].—Painful nervousness (fiftieth day),[128].—Involuntary idiotic-like chuckle (seventeenth day),[127].—Immoderate fits of laughing (thirty-fourth day),[128].—Fits of laughing, with the light swimming sensation and giddiness (after one hour, forty-first day),[128].—Extreme nervous excitability (forty-first and forty-seventh days),[128].—Screaming,[96].—Loud groans, convulsive sobbing (after fifteen minutes),[167].—Moaning (in fifteen minutes),[52].—Loud moaning (after one hour),[69].—[**20.**] Constant moaning, with complete consciousness,[77].—Exceedingly low-spirited (eighth day); very low-spirited and gloomy (thirteenth day); low spirits, gloomy, and desponding (twenty-seventh day); extremely low and gloomy (twenty-eighth day); low spirits, gloominess (thirty-fifth day); low spirits, gloomy, and desponding (forty-first day); low-spirited and gloomy (fifty second night),[128].—Rather morose and wholly uninclined to answer any questions in explanation of his symptoms,[43].—Anxiety,[71]; (after second powder),[129].—Great anxiety of mind,[21].—Great anxiety and restlessness,[108].—Anxious and agitated,[47].—Excessive anxiety and uneasiness,[4].—General depression of spirits,[65].—A tendency to despondency,[21].—[**30.**] He had a feeling of dread, and begged he might not be left alone,[86].—A fear of something about to occur,[21].—Great fear, and anxiety for relief,[30].—Mind harassed with dread; he is afraid, and sheds tears all the while; when asked why, replies, "I don't know,"[43].—Irritability of temper (forty-third and forty-ninth days),[128].—Short, irritable temper (fifty-fourth day),[128].—***Intellectual.*** Mind active and anxious,[43].—Muddled, confused feeling, in the morning (seventh day),[128].—Slight confusion of ideas (second day); considerable (after second dose, third day); slight (seventeenth day),[127].—Confusion of ideas,[152].—[**40.**] His answers to my inquiries were rapid and unconnected (after three hours and three-

quarters),[50].—Peculiar muddled vacant feeling, forgetfulness; she felt disposed to sit still and sleep (first day),[128].—Vacant feeling, forgetfulness (second day),[128].—Loss of memory (fourth day),[128].—Loss of memory, with a confused giddy feeling, at intervals (thirteenth day),[128].—Loss of memory and drowsiness, with extreme giddiness (seventeenth day),[128].—Feeling of stupor and drowsiness, with the severe pains in the head, at 8 P.M. (second day),[128].—A feeling of stupor and great weariness, with dull pains in the head and eyes (fourth day),[128].—A feeling of extreme stupor, at 10 A.M. (seventh day),[128].—A feeling of extreme stupor (eighth day),[128].—[**50.**] Feeling of intense stupor (twenty-seventh night),[128].—A feeling of stupor and giddiness (after forty minutes, forty-third day),[128].—*Consciousness perfect, till death*,[3].—During every violent paroxysm there will be temporary loss of consciousness, by a cessation of the act of respiration, the wide opening of the eyelids, and extreme dilatation of the pupils,[65].—Unconsciousness,[3 147].—Stupefaction, with complete loss of consciousness, body stretched out stiff upon the bed, the paroxysms recurring at short intervals, followed by death,[4].—The patient suddenly fell down unconscious,[25].—Insensibility ensued and lasted three hours, although the convulsions hardly ever ceased,[152].

Head.—Confusion and Vertigo. Confusion and slight giddiness (twenty-seventh day); confusion and slight giddiness, at noon (twenty-eighth day); confusion and giddiness, with slight trembling (after one hour, thirty-seventh day); muddled feeling in the head (thirty-ninth day); confusion in the head, with feeling of intoxication, at night (forty-first day); confusion and loss of memory (forty-third day),[128].—Vertigo,[10 25 28], etc.—[**60.**] Vertigo and inclination to fall forward (after three to four minutes),[104]; (after a few minutes),[103].—Vertigo, with roaring in the ears,[3].—Excessive vertigo, even while lying down, associated with nausea,[25].—Great dizziness,[152].—Giddiness and nausea, a sensation as if the brain had been overworked, with great weariness (third day); slight giddiness, at intervals (tenth day); sudden giddiness and extreme drowsiness while walking in the street; she felt as if a cloud was coming over her (after one hour, eleventh day); confused giddy feeling, at intervals, with loss of memory (thirteenth day); giddiness (fourteenth day); giddiness, at intervals (fifteenth day); extreme giddiness, with loss of memory and drowsiness (seventeenth day); giddiness, at intervals, with tremulous feeling, in the afternoon (nineteenth day); extreme giddiness, with a tremulous sensation down the back (after three-quarters of an hour, twenty-first day); extreme giddiness (after three-quarters of an hour, twenty-fourth day); giddy bewildered feeling (twenty-seventh day); extreme giddiness (thirty-first day); extreme giddiness, with fixed stiff sensation in the eyes (after half an hour, thirty-fourth day); giddiness; light swimming sensation, with fits of laughing (after one hour, forty-first day); sudden momentary giddiness, with dull pains in the head and eyes, at noon (forty-second day); a feeling of giddiness and stupor (after forty minutes, forty-third day); giddiness; light swimming sensation in the head (after three-quarters of an hour, forty-seventh day); extreme giddiness; light swimming sensation in the head (two hours after first dose, fiftieth day),[128].—Extreme giddiness and confusion in the head (after half an hour, fifty-third day),[128].—***General Head.*** Jerking of the head forwards (twenty-fourth day),[128].—Head jerked backwards,[154].—Head drawn backward,[76].—Veins of the head, neck, and face became highly turgid,[152].—[**70.**] Violent congestion of the head, so that the face looked bluish-black, with very red protruding eyes,[22].—A feeling of weari-

ness in the brain; she felt a great desire to lie down and sleep (fourth day),[128].—Dull pains in the head and eyes, with a feeling of stupor and great weariness (fourth day),[128].—Dull pains in the head and eyes (forty-third day),[128].—Slight dull pain in the head, behind the right ear (after two hours, fifth day),[128].—Headache,[9 29].—Violent headache, with bursting pains in the forehead, especially the left side, at 10 A.M. (eighth and ninth days),[128].—Stupid headache, with extreme drowsiness (fifteenth day),[128].—Violent bursting headache, with stiff contracted feeling in the eyes, in the morning (sixteenth day),[128].—A feeling as if a bad headache was coming on, with extreme fulness of the head and ears, in the afternoon (twenty-second day),[128].—[**80.**] Slight headache, with dull pains in the forehead and eyes, in the morning (twenty-third day),[128].—Distressing headache, in the morning (forty-third day),[128].—Slight headache (forty-seventh day),[128].—Headache, with pains in the eyes (fifty-second day),[128].—Constant headache, sleeplessness, and slight fever, caused by nervous apprehension and dread of the rectal spasms, which came on very suddenly, and without previous warning,[127].—Headache coming on suddenly, especially in the left half of the head and left eye, at 4 P.M. (third day),[128].—On rising in the morning, severe headache, a sensation as if the head would burst when stooping (second day),[128].—Severe pains in the head, generally in the left eye and behind the ears, with a feeling of stupor and drowsiness, at 8 P.M. (second day),[128].—Violent pains through the head, from the back to the front (eleventh day),[128].—Violent pains in the head, especially in the forehead and over the left eye, in the morning (thirty-third day),[128].—[**90.**] Violent pains in the head and muscles of back of neck, in the morning (thirty-fourth day),[128].—Violent pains in the head and eyes (forty-first day),[128].—Momentary darting pains, in the head and under the jaw, left side (third day),[128].—Severe darting pains, in the head and back of the neck (eleventh day),[128].—Sharp pains flying about the head; at times a fixed pain at the vertex (second day),[128].—Sensation as if an iron cap was on the head (twenty-fourth day),[128].—Racking pains seized her whole head,[19].—Violent thumping pains, in the head, especially the right half, and over the left eye, lasting about two hours, in the evening (nineteenth day),[128].—Shattered sensation, in the head, with drowsiness (thirty-third day),[128].—Darting pains, in the head and eyes (fifty-third night),[128].—[**100.**] Convulsive jerkings and shocks transversely through the hemispheres of the brain, associated with pain extending into the eye,[29].—Feeling of a cold in the head, in the evening (thirty-fifth day),[128].—Felt strange sensation in head (after twenty minutes),[30].—Throbbing pain in head; less pain about the forehead than in any other part of his head,[43].—***Forehead.*** Headache, especially in the forehead and eyes (twenty-ninth day),[128].—Headache, in forehead and eyes, in the morning (thirtieth day),[128].—***Temples.*** Sharp darting pains in the left temple and round to back of left ear (sixth day),[128].—Rapid pulsation in left temple and in left hypochondrium, in the morning (fortieth day),[128].—***Vertex and Parietals.*** Sudden pain and pressure at the top of the head and in the left eye (twelfth day),[128].—Peculiar paralyzed feeling in the left half of the head and face (seventh day),[128].—***Occiput.*** [**110.**] Dull pains in back of head and temples (fifteenth day),[128].—Feeling of pressure in the back of the brain, with nausea, at noon (thirty-fifth day),[128].—Constant pain in the back of head and nape of neck, lasting the whole day (thirty-fifth day),[128].—Boring pain in the occiput,[3].—Pains in the back of the head, extending down the entire length of the spine (seventh day),[128].—Sharp pains in the back of the head,

extending to the left eye, and to the back of the right ear (eighth day),[128]. —Sharp pains in the back of the head and in the glands of the neck (seventeenth day),[128].—Darting pains in back and top of head (forty-first day),[128].—Sharp darting pains in back of head and neck, in the afternoon (fifty-second day),[128].—***External Head.*** Sore pains in the scalp, as if the hair had been pulled (twelfth day),[128].—[**120.**] Intense itching of scalp and nape of neck (thirty-sixth day),[128].

Eye.—Objective. Eyes highly injected, and in constant motion, as from seemingly great affright, as, indeed, his mind fully evidenced (after three hours and three-quarters),[50].—Eyes injected, and protruding,[82].—Eyes a little suffused,[63].—Eyes sunken,[6 24].—Eyes sunken, and moved with a rapid motion,[59].—Rolling of the eyes, as if they were two cold bullets (twenty-fourth day),[128].—Torsion of the eyes (after second powder),[129].—Eyes turned to one side, quite staring,[78].—The eyes were drawn upward and greatly congested,[147].—[**130.**] The eyes appeared to be starting from their sockets, the head was forcibly drawn round, the arms and legs horribly convulsed, she being conscious at the same time,[60].—Protruding eyes,[3 4 47 62]. —Eyes staring,[156].—Eyes protruding, turned towards the right, and fixed, with dilated, insensible pupils, and red conjunctiva,[108].—Eyes protruding, rigid, turned to the right,[4].—Eyes fixed, and turned upwards,[30].—Dimness of the eyes (third and fifty-fifth days),[128].—Dimness and aching of the eyes (thirty-fourth day),[128].—***Subjective.*** Dull pains in eyes and head (forty-third day),[128].—Aching and smarting of the eyes, in the afternoon (thirty-sixth day),[128].—[**140.**] Aching of the eyes, with dull misty vision (forty-third day),[128].—Severe pain in the left eye, at 8 P.M. (second day),[128].—Sudden pain and pressure in the left eye and at the top of the head (twelfth day),[128].—Violent pains in left eye (thirty-fifth day),[128].—Boring sensation in the eyes, especially the left eye (forty-third day),[128].—Weight in the eyes, with sharp pains in the left half of the head, and in the left eye (seventh day),[128].—A feeling as if the eyes were suddenly stiffened and drawn back, lasting a few minutes (seventh day),[128].—Stiff sensation in the eyes; she felt unable to look up (seventh day),[128].—Stiff contracted feeling in the eyes, with violent bursting headache, in the morning (sixteenth day),[128].—Fixed stiff sensation in the eyes, with extreme giddiness (after half an hour, thirty-fourth day),[128].—[**150.**] Heavy stiff sensation in the eyes (thirty-sixth day),[128].—Stiff fixed sensation in the eyes, with burning and itching (forty-first day),[128].—Stiffness of the eyes, with burning and itching (forty-third day),[128].—Fixed feeling in the eyes (fiftieth day),[128].—Stiffness of the eyes, with stinging and smarting (fifty-third day),[128].—Burning in left eye and left ear, in the afternoon (second day),[128].—Eyes very hot and painful (ninth day),[128]—Burning heat in the eyes (eleventh day),[128].—Burning heat in the eyes and eyelids (twelfth day),[128].—Hot fixed sensation in the eyes (fourteenth day),[128].—[**160.**] Burning heat in the eyes (sixteenth day),[128].—Intense burning of the eyes (twenty-first night),[128].—Intense burning of eyes and ears, at night (forty-seventh day),[128].—Sudden burning and itching of eyes (fifty-third day),[128].—A feeling as of a cold in the eyes, at night (forty-eighth day),[128].—***Orbit.*** Tender, bruised feeling over the left eye, with fixed pain, toward evening (ninth day),[128].—Rapid pulsation over left eye (fiftieth and fifty-second night),[128].—***Lids.*** Eyes widely opened,[130].—The eyelids are closed, as though to shield the eyes from an intense glare of light,[65].—Eyelids closed all the time, as though the light was intolerable; in fact, the lids were only separated during the convulsions, and then the pupils were widely dilated,[66].—[**170.**] Keeps his eyes always shut (after twelve hours),[43].

—Violent rapid pulsation in the left upper eyelid, with weakness and watery discharge from the eye, lasting for eight hours (thirty-second day),[128]. —Rapid pulsation in the left upper eyelid, lasting for several hours (thirty-first day),[128].—***Lachrymation.*** Increased lachrymation,[29].—***Conjunctiva.*** Conjunctiva injected,[4].—***Ball.*** Aching of the eyeballs (twenty-seventh night),[128].—Sharp, sore pains in balls of eyes, in the evening (sixteenth day),[128].—Sharp needlelike pains in the balls of the eyes (twenty-seventh day),[128].—Sharp pains in the balls of the eyes (twenty-eighth day),[128].—***Pupil.*** Pupils slightly dilated,[47].—[**180.**] Pupils dilated,[30 67 76].—Pupils greatly dilated,[3 121 148].—The pupil was somewhat dilated and the eye staring, its motion tremulous and both orbs constantly oscillating in their orbits, like the eyes of the albino; there was no suffusion, however, throughout,[64].—Pupils dilated to their fullest extent; the eyeballs appeared to be protruding out of their sockets,[68].—Pupils dilated during the spasms,[100 136].—Pupils dilated and insensible,[4].—Pupils, at one time dilated, at another contracted,[15 16].—Pupils contracted,[14 50].—Contracted pupils; during paroxysms, pupils dilated,[145].—Pupils about natural, or, if anyway abnormal, rather contracted,[63].—***Vision.*** [**190.**] Dimness of vision (after twenty minutes),[42]; (thirty-sixth day),[128].—Sense of sight became much impaired (soon),[146].—Confused misty vision (thirty-ninth day),[128].—Persistent amaurosis,[18].—Numerous sparks before the eyes, sometimes blackish, sometimes white, sometimes red,[17].—1st. Increased peripheric sensibility for blue. 2d. Temporary increase of visual power. 3d. More distinct perception of peripheric points. 4th. Lasting enlargement of the field of vision,[159].

Ear.—Creeping tingling sensation in the external ears (second day),[128]. —Sudden burning and itching of ears, eyes, and nose (fifty-third day),[128]. —Burning in the left ear and left eye, in the afternoon (second day),[128].—Sudden burning heat in the left ear, and along the lower jaw of same side, at 10 P.M. (eighth day),[128].—[**200.**] Intense burning of and bruised feeling in the ears (twenty-second day),[128].—Intense burning and itching of the ears, nose, and eyes (twenty-fourth night),[128].—Burning and tingling in the ears, nose, and lips, at noon (twenty-fifth day),[128].—Intense aching behind the ears and down the spine (twenty-fourth day),[128].—Sharp darting pains behind the right ear (twentieth day),[128].—Sharp darting pains in and behind the ears, and back of the head and neck (thirty-sixth day),[128].—Cracking in the ear and jaw; it is very painful to move the jaw, as in clenching the teeth (forty-fifth day),[128].—Digging pains deep in the left ear (eighth day),[128].—A feeling of intense fulness in the ears (second day),[128].—***Hearing.*** The ears become appreciative of the slightest sound in the room,[65].—[**210.**] Hearing very acute, and remarks made in a very low tone of voice were replied to quickly,[66].—Roaring in the ears,[29].—Noise in the left ear like wind (seventh day),[128].—Humming in the ears (twenty-third day),[127].

Nose.—Frequent fits of sneezing, with itching and stinging of nose (forty-seventh day),[128].—Peculiar stinging in the nostrils, as if a cold were coming on (thirteenth day),[128].—Burning and tingling in the nose, ears, and lips, at noon (twenty-fifth day),[128].—Sudden burning and itching of nose (fifty-third day),[128].—Intense itching of the nose, as if in the bone, lasting the entire day (second day),[128].—Intense itching and stinging of the nose (thirty-fourth night),[128].

Face.—[**220.**] Face swollen and burning hot; I was exceeding surprised at the appearance she presented, in the morning; her eyes were half closed with swelling, and I could only compare them with those of a person

stung by bees; but the next evening everything looked favorable, with a decided abatement of the swelling and pain,[19].—Face puffy, covered with perspiration,[75].—Face puffy and red,[76].—Face puffy, pale, distorted,[4].—Face puffy and bluish red, with open mouth,[2 3].—Face puffy, dark-violet colored, lips dark blue,[4].—The muscles of the face and about the mouth became rigid and drawn, as in risus sardonicus, it became impossible to utter articulate sounds,[108].—Hard stiffness of the muscles of the face (sixth day),[128]. —Hard rigidity of the muscles of the face (thirty-fourth day),[128].—Contorted countenance,[62 42].—[**230.**] Expression of extreme terror,[49].—Expression of extreme sadness and despondency,[43].—Anxious expression of countenance,[65 119 126 130].—Countenance expressive of intense anxiety and distress,[64]. —Countenance extremely anxious (after one hour),[124].—Expression indicative of great suffering,[156].—Expression of countenance hideous (after six hours),[150].—Face exhibiting an almost maniacal expression,[40].—Wild look with dilated pupils and red face,[28].—Face became gradually pale, from above downwards, lips remaining livid,[30].—[**240.**] Pale sunken look,[69].—Face deathly pale,[6 24].—Face pale, anxious,[122 145].—Face pale and distorted,[108]. —Countenance pale and blue (after three to four minutes),[104].—Face somewhat flushed (between the spasms),[66].—Face flushed,[121 155].—Face suffused and red,[131].—Face much flushed (after twenty minutes),[30].—During the day, flushing and heat of face (second day),[127].—[**250.**] Face flushed and bathed with cold and clammy perspiration (after three hours and three-quarters),[50].—Countenance suffused and livid,[82].—Face livid,[132 133 158].—During the spasms, the countenance became livid, and in the last and fatal convulsion, it suddenly became almost black,[100].—Face of a livid red and covered with profuse sweat,[89].—Features livid, congested,[88].—Face blue,[148].—Face bluish red,[33].—Face of a dusky hue (after one hour),[94].—Face of a dark-purple hue,[154].—[**260.**] Face and hands livid,[47].—Purple color of the face (after two powders),[129].—Face began to become black (immediately),[143].—Tremulous feeling in the muscles of the face (seventh day),[128].—***Cheek.*** Sharp needlelike pains in the cheek-bones and under the jaw, left side (thirteenth day),[128].—Keen sharp pain in the left cheek-bone, shooting to the upper teeth (twenty-second day),[128].—***Lips.*** He was making constant motions with his lips as though he desired drink (after three hours and three-quarters),[50].—Lips retracted,[141].—Lips blue,[9].—Lips livid (after twenty minutes),[30].—[**270.**] Lips livid and retracted,[130].—Lips and tongue purple,[138].—Lips tumid,[88].—Burning and tingling in the lips, nose, and ears, at noon (twenty-fifth day),[128].—***Chin.*** Jaw partially set, and the handling caused an abortive convulsion,[160].—**Trismus**,[4 8 47], etc.—Lower jaw spasmodically closed,[75].—The muscles of the jaws remained so rigid between the spasms as to prevent their being opened sufficiently to admit the tube of stomach-pump being introduced,[40].—Jaws locked and deglutition impossible, with foaming at the mouth similar to that observed in patients suffering from hydrophobia,[147].—Trismus and constriction of the throat on swallowing,[149].—[**280.**] Periodic attacks of trismus,[108].—Considerable stiffness of muscles of mastication, and difficulty in opening and shutting mouth (second day); slight stiffness of muscles of jaws and hands (fourth day),[127].—Stiffening of the jaws and neck (fourteenth day),[128].—The jaws were suddenly stiffened for a few minutes, and then in a moment became relaxed (fifth day); stiffening of the jaws (seventeenth day); stiffening of the jaws, and afterwards of the muscles of the face and hands (twenty-first day); stiffening of the jaws and muscles of the face and neck (twenty-fourth day); stiffening of the jaws and muscles of the face and

neck (twenty-seventh day); stiffness of the jaws and muscles of the face (thirty-fourth day); slight stiffening of the jaws (thirty-seventh day); stiffening of the jaws and muscles of the face (forty-first day); stiffening of the jaws (forty-third day); momentary stiffness of jaws (forty-seventh day); stiffening of the jaws, muscles of face, and throat (fiftieth day); stiffening of jaws, affecting the speech (fifty-third day),[128].—Stiffening sensation in the jaws (sixth day); stiffening heavy sensation in the jaws and muscles of the face (eleventh day); stiff tight sensation in left articulation of jaw, with much pain at times; also a similar feeling in muscles of neck and down the spine (forty-eighth day); tight feeling in jaws, with hard rigidity of the muscles (fiftieth night),[128].—Pains in the articulation of the jaws and muscles of the back of the neck (twelfth day),[128].—Pains in the articulation of the jaws and in the back teeth (thirteenth day),[128].—Dull pains in the articulation of the jaws, shooting into the temples, in the evening (twentieth day),[128].—Dull aching and stiff sensation in the jaw and muscles of neck, in the afternoon (forty-fifth day),[128].—Dull aching in articulation of jaw, with tight sensation about the jaw and ear, in the morning (forty-sixth day),[128].—Rheumatic-like pains, especially in the articulation of the jaws and extensors of thighs (nineteenth day),[127].—Severe tearing pains in the articulation of the jaws, with sore stiffness in the muscles of the face and nerves of the teeth (thirty-sixth day),[128].—[**290.**] Sharp pain in articulation of jaws and in the muscles of neck, left side, at noon (forty-fifth day),[128].—Sharp needlelike pains under the jaw, left side (fifteenth day),[128].—Sharp needlelike pains in lower jaw, left side (twenty-eighth day),[128].—Tremulous sensation in the jaws, with peculiar creeping chilliness all over (third day),[128].—Shooting pains under the jaws and in the muscles of the chest, left side (second day),[128].—Sharp needlelike pains under the jaws, especially the left side, at 8 P.M. (twelfth day),[128].—Peculiar pulsation in the chin, as if in the nerves of the lower front teeth, at short intervals (forty-second day),[128].—Pulsation in the chin (forty-third and forty-ninth days),[128].

Mouth.—Teeth. Clenching of the teeth, with twisted sensation in the jaws (forty-first day),[128].—Severe toothache, at midnight (third day),[128].—[**300.**] Violent attack of toothache in the upper teeth, left side, shooting to the cheek-bone (twenty-third day),[128].—Sharp attack of toothache in left half of the teeth (twenty-sixth night),[128].—Toothache in the upper teeth at intervals, a sensation as if the teeth were loose and too long (thirty-second day),[128].—Toothache in the upper teeth at intervals, they feel too long (thirty-third day),[128].—Sharp attacks of toothache, worse in the right upper teeth, coming on at intervals, at night (thirty-fourth day),[128].—Severe pains in the teeth, as if the nerves were suddenly pulled out, at night (thirty-fourth day),[128].—Sharp pains in nerves of teeth, in the evening (thirty-eighth day),[128].—Sharp pains in the nerves of the teeth (forty-fourth night),[128].—Drawing toothache in left upper teeth (fiftieth day),[128].—Violent shooting pains in upper teeth (thirty-fifth day),[128].—[**310.**] Sharp pains in the back teeth and jaws (fourth day),[128].—Sharp pains in the back teeth and in the articulation of the jaws (fifteenth day),[128].—Pains in the back teeth and articulation of jaws (nineteenth day),[128]. — ***Tongue.*** Tongue, gums, and lips violet,[12].—Tongue dry and papillæ erect,[49].—Tongue dry with white moisture on the edges,[28].—Tongue much coated, bad taste (seventh day),[128].—Tongue coated, bad taste (twenty-ninth day),[128].—Tongue felt hot (after thirty minutes),[123].—Soreness of the tongue and roof of the mouth (thirteenth day),[128].—***General Mouth.*** [**320.**] Mouth distorted,[76].

—The mouth was closed, but apparently not as rigidly as in tetanus, for the will could control it to a certain degree; yet as it seemed, they fearing exciting uncontrollable spasms by any motion of the jaws, its muscles were held tense and tight,[64].—Frothing from the mouth,[22].—Violent itching in the roof of the mouth (thirty-fourth day),[128].—***Taste.*** Bad taste (several days),[128].—Feverish taste (several days),[128].—Hot and bitter taste in the mouth and fauces (after one hour and three-quarters),[136].—Very bitter taste in the mouth constantly,[43].—Dry taste in the mouth,[145].—***Saliva.*** Flow of saliva,[32].—[**330.**] It caused a great quantity of saliva to flow, and she shook her head, seemingly much disgusted,[31].—Excessive spitting of frothy saliva (after twelve hours),[126].—Mouth filled with frothy saliva (after one hour),[124].—Teeth covered with frothy saliva,[141].—Mouth covered with saliva, which he ejected by spasmodic jerks,[89].—***Speech.*** Difficult to articulate with distinctness, in the interval between the spasms,[34].—Articulation difficult (after twenty minutes),[39].—Articulation extremely difficult (after twenty minutes),[42].—Speech indistinct,[34].—Unable to speak, muttered only unintelligible sounds, which seemed to correspond to the rhythmical movements of the lips, which, however, were soft and mobile, and moved as though he wished to speak,[4].—[**340.**] Complete loss of speech (after a few minutes),[103].—Speechless but conscious,[133].

Throat.—Choking sensation in the throat,[71].—Dreadful sensation of choking,[57].—Choking sensation, as if something were tied round the throat tightly (seventeenth day),[128].—Most uncomfortable sensation about the throat and head and slight spasms of the muscles,[58].—Sensation of spasm in the throat and stomach, associated with ineffectual efforts to vomit,[72].—Stiffness about throat,[145].—Constriction of the throat and tightness of the chest, with rigidity of the muscles on attempting to move (after five minutes),[34].—There seemed to be some constriction about the throat, as it was difficult for him to swallow,[34].—[**350.**] Constriction of the muscles of the throat and larynx,[60].—Contraction of throat (after five minutes),[33].—A feeling of contraction in the throat, left side, shortly after rising in the morning (sixth day),[128].—Spasmodic feeling of contraction in the throat (eighteenth day),[128].—Contraction of the throat, with intense difficulty of swallowing (twenty-seventh day),[128].—Suddenly a sense of contraction in the throat; a feeling as if something were constantly rising in the throat, with sickness, in the afternoon (forty-eighth day),[128].—Feeling as of a lump in the throat, in the evening (thirty-sixth day),[128].—Painful dryness and contracted feeling in the throat (eleventh day),[128].—Painful dryness of the throat (twelfth day),[128].—Dry contracted feeling in the throat (fifteenth day),[128].—[**360.**] Dry contracted feeling in the throat, in the morning (forty-ninth day),[128].—Hot pains and dry sensation in the throat, coming on at intervals and lasting a short time (second day),[128].—Dry hot feeling in the throat (third day),[128].—On rising in the morning, a slight sensation of a sore throat, left side, with a general dry heat in the throat (fourth day),[128].—Soreness in the left half of the throat (seventh day).[128].—The throat begins to feel much worse; hot pains shooting from the left side of the throat into the ear and eye, at 8 P.M. (seventh and eighth days),[128].—Throat painful and sore, with redness and slight swelling (eighth day),[128].—Throat sore and painful the entire day (ninth day),[128].—Scraping in the throat,[29].—Spasmodic pains in throat and chest, with sick faint feeling, in the evening (fifty-fourth day),[128].—[**370.**] Burning and suffocating sensation about throat and chest,[119].—***Fauces.*** Sense of constriction in the fauces, and at times could only swallow with difficulty (after one hour),[124].

—Constriction of fauces with difficulty of swallowing (after twelve hours),[128]. —***Swallowing.*** Deglutition almost impossible,[141].—Every attempt at deglutition produced violent spasms of the muscles of the pharynx,[152].—Swallowing with some difficulty,[43].—He swallowed with difficulty, even in the intervals of the most complete remission of the convulsions,[80].—***External Throat.*** Severe dull pains in the muscles and glands of the neck, and at times shooting up into the head (thirteenth day),[128].—Dull shooting pains in the glands of the neck, and at the back of the ears (second day),[128].—Dull pains in the glands of the neck and behind the ears (third day),[128].—[**380.**] Sharp pains in the glands of the neck and in the back of the head (seventeenth day),[128].

Stomach.—Appetite and Thirst. Unusually good appetite, she enjoys her food amazingly (third day),[128]. —Feverish thirst (sixteenth day),[128]. —She asked for drink,[57].—Great thirst,[49]. —Intense thirst, dry mouth and tongue,[43].—***Eructations.*** Eructations of bitter wind before vomiting,[43].—Eructations of tasteless wind,[43].—Bitter greasy risings, with bad taste (fourteenth day),[128].—***Nausea and Vomiting.*** Nausea,[43]; (sixteenth day),[128].—[**390.**] At times felt great nausea (ninth day),[128].—Nausea and bad taste (twenty-first night),[128].—Nausea and bad taste, in the forenoon (twenty-seventh day),[128].—Nausea, with a feeling of pressure in the back of the brain, at noon (thirty-fifth day),[128].—Tendency to nausea, actual vomiting being only kept off by constant spitting (forty-fifth day),[127].—Nausea and vomiting (after first powder),[129].—Almost constant retching,[87]. —Frequent effort to vomit,[75]. —Vomiting,[62 110 121 126]. —Violent vomiting,[5]. —[**400.**] Immediately became violently ill and cried and screamed in a most alarming manner,[143].—At times vomiting of thin colorless liquid,[25].—The chamber vessel contained about a pint of coffee-colored fluid, mixed with a more solid brown material, the whole supposed from its odor to have been vomited, and to contain most of the Strychnia (having drank coffee at supper),[115].—Vomited small quantities of some alcoholic fluid,[152].—***Stomach.*** The digestive functions were somewhat disordered,[127].—Heavy feeling in the stomach,[43].—There appeared to be much pain in the epigastrium,[132].—Intense pain in the stomach and bowels,[87].—Intense pain in pit of stomach (after six hours),[150].—Complained of pain at the pit of the stomach,[67].—[**410.**] At intervals, deep pains at the pit of the stomach (tenth day),[128].—Spasmodic pain about the pit of the stomach, extending to the heart at intervals, in the afternoon (twelfth day),[128].—Sharp pains at the pit of the stomach, extending round to region of liver (fourteenth day),[128].—A kind of internal twitching and nervous feeling, radiating as it were from the pit of the stomach (sixteenth day),[128].—Sharp pains at the pit of the stomach (seventeenth and forty-eighth day),[128].—Jerking sensation in the stomach, when opening the mouth (thirty-seventh day),[128].—Violent jerks at the pit of stomach and in the chest, on attempting to open the mouth (forty-first day),[128].—Sudden jerks in the stomach (forty-third day),[128].—Violent attack of spasm at the pit of the stomach, coming on suddenly while at dinner and lasting about an hour; it was attended with very severe pain and feeling of suffocation, so much so that she had to unloose her clothes, in the afternoon (thirty-third day),[128].—Spasms of diaphragm very marked (after twenty minutes),[30].—[**420.**] Heat in the stomach,[71].—Burning along the œsophagus and in the stomach,[80].—Sense of burning about the stomach (after twenty minutes),[42].—Burning pains at pit of stomach, at noon (forty-ninth day),[128].—Sensation of burning in stomach,[87].—Immediately felt a burning sensation in the stomach

for about a minute, and then felt as if his blood grew cold,[121].—At times, hot pains at pit of stomach (fifty-second day),[128].

Abdomen.—Hypochondria. Peculiar aching sensation in the right hypochondrium, at intervals, with sick, faint feeling (forty-third day),[128].—Tense pain in right hypochondrium (first night),[127].—Sharp cutting pains in left hypochondrium (twelfth day),[128].—[**430.**] Sharp pains in right hypochondrium (twenty-seventh day),[128].—Keen, needlelike pains in the right hypochondrium, at the pit of the stomach, and also at intervals in the right knee-joint (thirtieth day),[128].—Sharp cutting pain in the right hypochondrium, at night (twenty-third night),[128].—Sharp pains in left hypochondrium, at times, shooting to the pit of stomach, in the morning (nineteenth day),[128].—Rapid pulsation in left hypochondrium and left temple, in the morning (fortieth day),[128].—***General Abdomen.*** Abdominal muscles and those of neck and back in a state of tetanic spasm,[145].—Bowels much distended,[143].—Distressing flatulence (twenty-ninth, thirty-sixth, and forty-eighth days),[128].—Distressing flatulence, with sick feeling, at night (thirty-fourth day),[128].—Rumbling in the bowels, with a feeling of diarrhœa; also deep pains in the abdomen generally, at 7 P.M. (eleventh day),[128].—[**440.**] Rumbling in the bowels, with feeling of threatening diarrhœa, in the forenoon (eighteenth day),[128].—Sore, contracted feeling in the muscles of the abdomen generally (after one hour and three-quarters),[128].—Sore, contracted feeling in the muscles of the abdomen, especially the upper half (twenty-seventh day),[128].—Sore, bruised sensation in the muscles of the abdomen (twenty-eighth day),[128].—Painful soreness of muscles of upper half of abdomen, with sick feeling (thirty-seventh day),[128].—Painful soreness of the muscles of the abdomen, upper half, and at the pit of the stomach (forty-third day),[128].—Deep, sore pains in the muscles of upper half of abdomen (forty-first day),[128].—Severe, sharp pains in the muscles of the abdomen (fifth day),[128].—She seized her abdomen as if to tear it, such was the intense pain there,[116].—Griping pains in the bowels (second day),[128].—[**450.**] Momentary griping pains in the bowels (third day),[128].—Griping pains in the bowels and constipation (fourth day),[128].—Griping pains in the bowels, with feeling of diarrhœa, in the morning (twenty-second day),[128].—Griping pain in the bowels, at daybreak (twenty-seventh day),[128].—Griping pains in the bowels, with feeling as of diarrhœa (thirty-ninth day),[128].—Griping pains in the bowels, with feeling of diarrhœa (forty-third day),[128].—Griping pains in the bowels, with feeling of diarrhœa, in the morning (fifty-fourth day),[128].—Intense aching round the waist, in the morning (fifty-first day),[128].—Pressing down in the bowels,[43].—Pains in abdomen (after two hours),[140].—[**460.**] Sore pains in the bowels, with a sensation of threatening diarrhœa (sixteenth day),[128].—Sore pain in upper half of abdomen (thirty-eighth day),[128].—Deep, sore pain in abdomen, especially the lower half, at noon (fifty-fifth day),[128].—Deep pains in the abdomen, at intervals, generally beginning at the lower half and afterwards going upwards (thirteenth day),[128].—Deep, bruised sensation in the abdomen, from the groins over the hips and across the back, with external tenderness, in the morning (thirty-second day),[128].—Dull gnawing pains in abdomen and pit of stomach, in the morning (fifty-fourth day),[128].—Sharp cutting kind of pains in the right lower half and left upper half of abdomen (third day),[128].—Violent cutting pains in the bowels, with feeling of diarrhœa, in the morning (twenty-ninth day),[128].—Sharp cutting pains in the bowels, with feeling of diarrhœa (forty-fourth night),[128].—Severe cutting pains in the bowels, in the morning (forty-fifth day),[128].—[**470.**] Uneasiness in the bowels, with

constipation (twenty-fifth and twenty-sixth days),[128].—Warmth in the bowels,[43].—***Hypogastrium and Iliac Region.*** Fixed, deepseated pains in the lower half of the abdomen (first day),[128].—Deep pain in the left lower half of the abdomen, coming on at intervals during the day; also occasionally the same kind of pains at the pit of the stomach (tenth day),[128].—At times spasmodic pain in the lower abdomen, in the afternoon (twelfth day),[128].—Violent cramplike pain in lower right half of abdomen (nineteenth night); in the morning the same kind of pain in the abdomen as during the night; in addition, severe cutting pains in the bowels, with a feeling of diarrhœa coming on (twentieth day),[128].—Deep-boring pains in the right lower half of abdomen, changing suddenly from one part to another (fifteenth day),[128].—Deep, sore, contracted feeling in the left lower half of abdomen (twenty-fifth day),[128].—Deep aching pains in the lower half of abdomen, right and left sides, passing through to the back, with aching over the hips (thirty-first day),[128].—Dull sore pain in lower half of abdomen, followed by a peculiar momentary pressure in left iliac region (forty-fourth night),[128].—[**480.**] Deep sore pains in lower half of abdomen (fortieth day),[128].—Deep painful soreness in lower half of abdomen (forty-second day),[128].—Deep cramplike pain in the lower left half of abdomen, at night (forty-sixth day),[128].—Deep boring pain in lower half of abdomen (forty-ninth day),[128].—Sharp cramplike pain in lower half of abdomen, in the morning (forty-eighth day),[128].—Deep sore pain in lower half of abdomen (fifty-fourth day),[128].—Burning pains in lower half of abdomen, at intervals (fifty-third day),[128].—Sharp needlelike pains in the left groin, lasting a few minutes (forty-seventh day),[128].

Rectum and Anus.—Gurgling sounds in the rectum, with sudden darting pains of greater or less severity. Some few days afterwards the symptoms in the rectum became much more marked; there was a constant gurgling sound, as if a considerable amount of fluid was there, inclosed in a loose sac; the spasms of darting pain became more frequent, and were sometimes so unbearable as to force him down on the ground as if shot,[127].†—During the night, two most agonizing darts of pain in the rectum (forty-fifth day),[127].—[**490.**] Before going to bed, two darts of pain in the rectum, resembling shocks from a strong galvanic battery (forty-seventh day); excruciating pains in the rectum, of the same character as before (forty-eighth day),[127].—Slight twinges of pain in the rectum (fiftieth and fifty-first days),[127].—Spasmodic jumping in the anus, at night (fifth day),[128].

Stool.—Diarrhœa. Copious watery diarrhœa,[89].—Purged copiously during the night,[50].—Sharp attack of diarrhœa (twenty-seventh day),[128].—Fæces discharged involuntarily during the spasms,[49].—The dejections lumpy and dry, the flatus having a smell as of fresh putty; dejections afterwards lumpy and accompanied by mucus,[127].—***Constipation.*** Very obstinate constipation,[53]. — Constipation and griping pains in the bowels (fourth day),[128].—[**500.**] Large doses of cathartics were at first necessary to procure a movement of the bowels, and the black draught seemed to do better than any other form of cathartic,[161].

Urinary Organs. — Bladder and Urethra. The bladder seemed to participate in the general contraction of the voluntary muscles, and expelled small quantities of urine as fast apparently as it flowed into the viscus,[44].—After about ten days, perfect paralysis of the coats of the

† Sulphur 30 in globules, taken dry on the tongue three times a day, brought about rapid and almost complete relief of all the rectal symptoms.

urinary bladder came on, and the regular use of the catheter was necessary for about two weeks, when the normal function of the bladder was gradually restored,[161].—Painful pressure in the bladder and rectum,[103].—Uneasiness about the bladder and urethra, at first slight, but daily increasing, aggravated by walking or sitting on anything hard (thirty-first to fortieth day),[127].—Occasional darting pains from the bladder down the thighs (thirty-first to fortieth day),[127].—Shooting pains about the neck of the bladder and down the rectum (forty-fourth day),[127].—Shooting pains down the front wall of the bladder, and thence along the urethra (forty-first day),[127].—Unable to leave the house on account of the burning pain caused in the urethra by walking (forty-first day),[127].—On the forty-fourth day the pains left the bladder and settled in the glans, where they became constant and very severe,[127].—[510.] Renewal of scalding pain in the urethra (forty-seventh day),[127].—Occasional scalding pains in the urethra (fiftieth and fifty-first days),[127].—***Micturition and Urine.*** Constant urging to make water, the urgency not being removed by the act (thirty-first to forty-first day),[127].—No rest at night, being continually obliged to rise and attempt to make water (thirty-first to fortieth day),[127].—Very copious secretion of urine,[3].—Passes some urine under her,[132].—Urine scanty, with constant urging (twenty-fifth day),[128].—Urine very variable in character, sometimes natural in appearance, sometimes as dark as bad table-beer, sometimes with a thick red sediment, and sometimes with albuminous-looking masses floating in it (forty-fourth day),[127].

Sexual Organs.—Male. Left spermatic cord painful and the testicle swelled (forty-fifth day); testicle still swelled and painful (forty-sixth and forty-ninth days); testicle remains as before, swelled, but causing no pain, except in standing up or walking about (fifty-second day),[127].—The testicle continued in the same state, hard and swollen; eventually there came on burning pain in the left side of the scrotum, where the skin was tense over the testicle, and a large abscess formed in the dartos and cellular tissue. This was opened by a small incision, and yielded a very large quantity of semitransparent fluid, partly mixed with blood, after the discharge of which the size of the testicle became somewhat less; there was apparently no connection between the testicle and the abscess,[127].—***Female.*** [520] While falling asleep, quite suddenly several hysterical jerks as from the womb, with burning, irritating heat and violent pulsation in the passages; also a feeling of great pressure and bearing down (twenty-seventh night),[128].—Darting pain and thrilling sensation in the vagina, with momentary pulsation coming on at short intervals (thirty-first day),[128].—Violent tearing pains in the womb, coming on at intervals and lasting a few minutes (thirty-sixth day),[128].—The menstrual period came on the fifth day and lasted for the usual time, quite unaffected apparently by the proving. The menses came on again at the proper time, but lasted only two days, and were very scanty,[128].

Respiratory Organs.—Spasm of the muscles about the larynx and those of one arm; she *felt* and *looked* as if strangled; the muscles on each side of the larynx became tense like chords,[20].—Spasm of the respiratory muscles, so that breathing was irregular, intermittent, and difficult,[4].—***Voice.*** He spoke in a very low voice, which was somewhat indistinct, not only from his weakness, but from the frequent interruptions his utterance was subjected to from the violent jerks his whole frame suffered from tetanic spasms,[69].—Hoarseness, with a feeling as of a cold on the chest, lasting about two hours, in the morning (thirty-eighth day),[128].—Complete aphonia

(soon),[104].—***Cough.*** Occasionally spasmodic explosive cough (seventh day),[127].—[**530.**] Dry spasmodic cough (forty-eighth day),[128].—***Respiration.*** Accelerated respiration,[12 122].—Respiration quick and difficult, and attended with great pain in the præcordial region,[89].—Respiration rapid, with hard, rapid pulse,[28].—Breathing rapid and difficult, but larynx quite free (after twenty minutes),[30].—Breathing hurried, catching, and difficult,[63].—Respirations 35 per minute during the spasm,[136].—Inspiration deep,[71].—Short breathing with dry cough (fifty-fourth night),[128].—Respiration short and labored,[88].—[**540.**] Short breathing with dry cough (thirty-fifth day),[128].—Deep respiration, without convulsions, with loss of consciousness, followed by death,[26].—Respiration became irregular, intermittent, and short,[108].—Respiration sobbing and difficult,[122].—Choking character of breathing (after fifteen minutes),[107].—Difficult and interrupted breathing,[103]; (soon),[104].—Respiration difficult,[25 97].—Breathing difficult, there being short spasmodic efforts at inspiration, and the expiration accomplished by a sort of moan or sound indication of anxiety or pain, or both,[64].—Difficulty in breathing during the spasms,[156].—Respiration difficult, rattling,[3].—[**550.**] Breathing becomes always more and more difficult, with increasing spasms, until at last it ceased entirely for a short time, associated with arrest of the beating of the heart,[4].—Respiration difficult, stifled, tight,[33].—Respiration very difficult (after six hours),[150].—Respiration very difficult, with much motion in the larynx,[24]. — Oppressed breathing,[62]. — Tightness of breath,[29].—Complained of want of air, and requested the window to be opened (after five minutes),[53].—Great want of breath after the spasms, with sighing,[43].—Respiration seemed entirely suspended; no respiratory murmur detected, but the heart's sounds were quite audible,[79].—Great dyspnœa,[141].—[**560.**] Excessive dyspnœa, with screaming, followed by convulsions, repeated every ten minutes; the extremities became rigid; the patient could not sit; the hands were clenched; the head drawn backward; the patient was perfectly conscious and sensitive; spoke a few words,[73].—Respiration suspended during the spasms; 19, in the intervals of rest, at the close of each fit,[28 49].—He died asphyxiated during a violent convulsive attack, which fixed all the respiratory muscles,[86].

Chest.—Walls of chest fixed,[130].—Spasmodic contraction of the muscles of the chest, about four times in a minute, with a feeling of impending suffocation (after twelve hours),[126].—Considerable oppression of the chest; constriction when taking a long breath (after twelve hours),[43].—Oppression in chest after meals, with flatulence (fifty-fourth day),[128].—Tightness about the chest,[33 42 49].—Soreness of the muscles of the chest and shoulders (twenty-second day),[128].—Sharp contractive pains in the muscles of the chest (first day),[128].—[**570.**] Severe, sharp pains in the muscles of the chest and in the shoulder-joints, at 7 P.M. (third day),[128].—Sharp pains in the upper part of chest, right side, and in the top of the shoulders, coming on at short intervals (fourth day),[128].—Deep spasmodic pains in the chest and back, at 2 P.M. (eighth day),[128].—Sharp, deep pain in upper part of chest (twelfth day),[128].—Sharp darting pain in the lower part of the chest, in the evening (twenty-second day),[128].—Sharp darting pains in upper chest (twenty-seventh day),[128].—Spasmodic pains in the muscles of the chest and back part of shoulders (thirty-third day),[128].—Violent pains in the muscles of chest and neck (forty-third day),[128].—Gnawing and darting pains in the muscles of the chest and abdomen, accompanied by a sick, faint feeling (fifty-third day),[128].—Shooting pains in the muscles of the chest, left side, and under the jaws (second day),[128].—[**580.**] Sharp needlelike pains in

upper chest and muscles of neck (thirty-fourth day),[128].—***Sides.*** Keen, sharp pains in the upper part of the chest, right side (eighteenth day),[128].—Keen, needlelike pains in right upper chest, in the forenoon (thirtieth day),[128].—Sharp pains in the left side under the ribs (thirty-fourth day),[128].—Severe, fixed pain in the upper part of the chest, left side (third day),[128].—***Mammæ.*** Severe stabbing pains in the right breast, passing through to the back, at intervals (thirty-fifth day),[128].—Violent tearing pain in the left breast, at intervals (thirty-sixth day),[128].—Sharp pains in the left breast (twenty-eighth day),[128].

Heart and Pulse.—Præcordia. Tightness about the præcordia,[63].—During the day, dull pain shifting along the line of the aortic arch (fourth day),[127].—[**590**.] Fluttering sensation about the heart, with faintness, in the morning (fifty-fifth day),[128].—***Heart's Action.*** The heart's action was distinctly felt by the hand applied to the præcordia,[64].—Sudden palpitation of the heart, lasting a short time (forty-fourth night),[128].—Palpitation of the heart (twenty-seventh night),[128].—Tumultuous action of the heart,[9].—Impulse of heart strong (after twenty minutes),[30].—Irregular action of the heart,[145].—***Pulse.*** Pulse 88 and regular,[79].—Pulse regular, about 90 (between the spasms),[66].—Pulse accelerated,[3 4 29].—[**600**.] Pulse weak and rapid,[25].—Pulse very rapid, small,[122].—Pulse very rapid and easily compressed,[6].—Pulse quick,[119].—Pulse rapid, small,[108].—Pulse more rapid than usual between the spasms,[57].—Pulse about 150,[64].—Pulse frequent (about 130), but soft,[62].—Pulse 130 per minute,[121].—Pulse 120, small, regular, and *corded* or *tense*, and *strong* (after three hours and three-quarters),[50].—[**610**.] Pulse varying from 120 to 140,[151].—Pulse 115 to the minute (after one hour),[124].—Pulse 110, very compressible,[24].—Pulse 110 (after one hour and three-quarters); 140 during the spasms,[136].—Pulse 96, rather small and very irregular (after one hour),[94].—Pulse full and rapid,[138].—Pulse full, about 100,[43].—Pulse large and full,[75].—Pulse full and strong, but irregular,[82].—Pulse hard, full, slow, intermittent,[3].—[**620**.] Pulse weak, rapid, and almost imperceptible,[130].—Pulse 70, hard and contracted,[129].—Pulse small and frequent,[42 97].—Pulse small and slow (after one hour and a half),[46].—Pulse small, suppressed and rapid,[4].—Pulse imperceptible,[147].—It was impossible to count the pulse during the convulsions, and it was very little more than a flutter during the interval, the slightest touch throwing the patient into a paroxysm,[158].—Radial pulse imperceptible during the spasms; in the intervals of rest 110; at the close of each fit 128,[49].—Nearly pulseless (after one hour),[69].

Neck and Back.—Neck. Neck swollen, the jugular veins distended,[4].—[**630**.] Marked rigidity of cervical muscles (after one hour),[124]. When she tried to lift her head the neck felt very stiff,[107].—Peculiar contractions of the muscles of the neck, especially the sterno-cleido-mastoids (after a few minutes),[141].—Neck feels stiff,[43].—Painful stiffness in muscles of neck and chest, extending down the back to the waist (forty-sixth day),[128].—Stiffness of nape of neck, with darting pains in the head and neck, in the morning (thirty-sixth day),[128].—Stiff hard feeling of the muscles of the neck (fourth day),[128].—Momentary stiffness in left half of neck (twenty-sixth night),[128].—Hard rigidity of the muscles of the neck (thirty-fourth day),[128].—Stiff sensation in the muscles of the neck, extending down the back to the waist (thirty-fifth day),[128].—[**640**.] Sharp cramp pains in the muscles of the neck (tenth day),[128].—Violent pains in the muscles of the neck and down the spine, in the forenoon (twenty-second day),[128].—Darting pains in the muscles of neck and top of shoulders (thirty-fifth

day),[128].—Keen knifelike pains in the muscles of neck, chest, and abdomen, with sick feeling (forty-first day),[128].—Sharp darting pains in the muscles of the neck, in the morning (forty-second day),[128].—Violent pains in the muscles of neck and chest (forty-third day),[128].—Sharp needlelike stitches in muscles of the neck and in upper chest (thirty-fourth day),[128].—Intense gnawing pain in the left half of the neck, at night (seventh day),[128].—Dull aching pains at the nape of the neck and up behind the ears (first day),[128].—Violent pain in the nape of the neck and down the spine, at intervals, and lasting several hours, in the forenoon (twenty-third day),[128].—[**650.**] Sharp pain in nape of neck and down the spine at intervals (twenty-fifth day),[128].—Sharp pains in the muscles of the neck and down the spine at intervals, at noon (twenty-sixth day),[128].—Sharp cutting pains in nape of neck (twenty-seventh day),[128].—Sharp stabbing pains in the nape of the neck and down the spine, in the morning (thirty-fifth day),[128].—Sharp darting pains in nape of neck and bottom of left heel (thirty-eighth day),[128].—Violent pains in the muscles of the nape of neck and over the shoulders to the chest (forty-first day),[128].—Shooting pains in nape of neck at intervals, in the afternoon (forty-ninth day),[128].—Darting pains and contracted feeling in the back of the neck and head and behind the ears (fourth day),[128].—Severe darting pains in the back of the neck and head (eleventh day),[128].—Pains in the muscles of the back of the neck and articulation of the jaws (twelfth day),[128].—[**660.**] Severe pains in the muscles of back of neck (thirty-third day),[128].—Darting pains in back of neck and in left breast (thirty-seventh day),[128].—Sharp darting pain in back of neck and down the spine, in the afternoon (thirty-ninth day),[128].—Sharp pain in muscles of back of neck (fiftieth day),[128].—Pains in the muscles of back of neck (forty-fifth day),[128].—Sharp needlelike pains in muscles of back of neck (fifty-third day),[128].—***Back.*** Stiffness of the back; it is very painful to move about, in the morning (fifty-first day),[128].—Spine feels stiff, as if an iron rod were pushed from one end of it to the other,[43].—Stiffening sensation down the back (seventeenth day),[128].—Stiffness down the spine and in the knees (eighteenth day),[128].—[**670.**] Extreme stiffness of the back (nineteenth day),[128].—Stiffness of the back, and the same sharp darting pain at nape of neck, at intervals (fortieth day),[128].—Tight stiff sensation up the spine when bending the head down (second day),[128].—Stiffening of the muscles of the back and neck, following a similar sensation in the muscles of the legs (fourteenth day),[128].—Hard rigid feeling in the muscles of the back and neck; darting pains in the back and neck (twenty-fourth day),[128].—Intense aching and stiffness in back, after standing or walking (fifty-second day),[128].—Convulsive jerks in the back, when attempting to open the mouth (fiftieth day),[128].—Violent jerks in the spinal column, from the waist upwards (fiftieth day),[128].—Great muscular soreness, principally of the muscles along the spine,[115].—Sore pains and stiffness of the back (sixteenth day),[128].—[**680.**] Deep sore sensation in the left half of the back above the waist (forty-first day),[128].—Intense aching down the spine and behind the ears (twenty-fourth day),[128].—Aching of the back and over the hips (forty-first day),[128].—Extreme aching and stiffness of the back (forty-sixth day),[128].—Rheumatic pains in left half of back about the waist (thirteenth day),[128].—Intense aching and icy coldness of the entire back (thirteenth day),[128].—Intense pain in the back, aggravated by the least exertion; constant aching around the waist, in the morning (fiftieth day),[128].—Violent pains along the spine, followed by frightful twitching, tetanic spasms, and death,[41].—Pains in the back,[25].—Increased pain in the

back (fiftieth day),[128].—[**690.**] A great deal of pain up and down the spine,[43].—Agonizing gnawing pain in the back and neck, and in the muscles of the legs above the knees (fourteenth day),[128].—Intense gnawing pain in the left half of the back from the shoulders to the waist, in the forenoon (eighth day),[128].—Sharp pains and aching in the back (forty-second day),[128].—Sharp tearing pains in the back, down the entire length of the spine, in the morning (twenty-first day),[128].—Sharp cutting pains at times in left half of back (twelfth day),[128].—A single stabbing pain in the upper part of back, passing down the spine, in the afternoon (thirty-second day),[128].—Contracted feeling in the muscles of neck (sixteenth day),[128].—***Lumbar.*** Pains in lumbar region,[145].—Sudden stiffness in the lower part of back and hips, in the afternoon (forty-fourth day),[128].—[**700.**] Intense aching in the small of the back (first day),[128].—Intense aching in lower part of back and over the hips, in the evening (twenty-eighth day),[128].—Aching and stiffness in lower part of back, in the afternoon (fifty-fourth day),[128].—Intense aching and stiffness in lower part of back, after standing or walking, in the evening (fifty-fifth day),[128].—Sharp needlelike pains in the back about the waist (forty-eighth day),[128].—Suddenly violent cutting pain in the back about the waist, as though she were chopped in half, extending right and left to the stomach, at night (forty-ninth day),[128].

Extremities.—Fingers and toes violet-colored, the former spasmodically doubled inward and the latter drawn backward,[12].—Extremities outstretched and rigid and at times affected by jerking movements, especially rotating the muscles,[78].—The arms became spasmodically drawn over the chest, the forearms immovable at the elbows; the lower extremities became rigid,[108].—During the paroxysms, arms and legs extended and rigid,[145].—[**710.**] Muscles of legs and arms rigidly flexed,[141].—Stiffness of the limbs,[46 97].—Hard rigidity of the muscles of arms, legs, face, and neck (twenty-seventh day),[128].—Intense stiffness of the muscles of the legs, shoulders, and upper part of the chest, especially the calf of left leg, with external tenderness (twenty-sixth day),[128].—Stiffness of extensors of thighs and muscles of back of neck and hand, causing inability to write (fifth day),[127].—Slight stiffening of toes and arms (fifty-third day),[128].—A peculiar kind of twitching over her limbs (after one hour),[40].—Violent jerking of all the limbs,[3].—Severe drawing up of the legs and arms (after half an hour),[46].—Twitching of the limbs in bed, and spasms as if the heart was being firmly grasped (seventeenth day),[127].—[**720.**] Convulsive throwing about of the extremities, especially violent motions of the arms and hands towards the face, so that they had to be tightly held, with perfect consciousness and without pain,[7].—Spasms of the extremities interrupted by painful shocks,[75].—Convulsions of both upper and lower extremities,[51].—After a few minutes he began to feel tingling in his hands and arms, followed by rigidity, and spasms soon set in,[155].—Violent shuddering in the limbs as in paroxysms of ague, only on every attempt to move them; repeated in a tertian type and always ending in perspiration,[7].—Extreme weariness of the limbs,[23].—Extreme prostration and weariness of the limbs,[6].—Cramps in hands, feet, and legs (after thirty minutes),[123].—Pains in the left knee, and in the palms of the hands and left thumbs, as if they would be stiffened (after five hours and three-quarters, fifth day),[128].—Violent pain in left upper leg and arm, at night (forty-second day),[128].—[**730.**] Violent darting pains in the muscles of the arms and hip-joints (thirty-sixth day),[128].—Violent pain in the limbs, especially in the feet, with spasmodic jerkings,[8].—Rheumatic pains in the arms and legs (fifty-fifth day),[128].—Rheumatic pains in right hand

and left foot, in the afternoon (twenty-seventh day),[128].—Rheumatic pains in the muscles of the arms and left hand, also in the knees, coming on at short intervals (twelfth day),[128].—Rheumatic pains in front of thighs, and in forearms and fingers (twentieth day),[127].—Sharp cramp pains in the palm of left hand and sole of left foot (tenth day),[128].—Darting pains in the muscles of the arms and in calf of left leg (third day),[128].—Sharp tearing pains in the muscles of the arms and in the right knee, with tremulous feeling (twenty-first day),[128].—Cutting pains in the calf of left leg and in the left wrist-joint (eighth day),[128].—[**740.**] Sharp cutting kind of pains in the left ankle-joint, and shortly after in the left arm, at 9 A.M. (third day),[128].—Sharp pains in the right wrist, and then in the left arm from the shoulder to the wrist (second day),[128].—Sharp pain in the little finger of right hand, and at the same time such an intense aching in the ankles that she must sit down, at 10 A.M. (third day),[128].—Tingling of fingers and toes (fifty-third day),[128].—Crawling in the limbs after spasms,[10].

Superior Extremities.—In about a half hour washed his hands, and immediately felt a sense of numbness, extending from the thumb to the whole of the hand and wrist, and rapidly to the elbow and shoulder. After two hours I found considerable swelling of the joints of all the fingers, and also of the wrist, but all numbness had passed off. At the time he despatched the messenger the arm was "enormously swollen, and so dead that he could bang it against the wall without feeling it." On the following day the arm had recovered its normal size and appearance,[90].—Arms rigid and extended (after twenty minutes),[30].—Arms stretched out, hands clenched,[131].—Twitching of the arms (after one hour and a half),[46].—Jerking and trembling of the arms (twenty-seventh day),[128].—[**750.**] He had but little control over his arms; as soon as he let go his grasp on the bedstead they would jerk violently, and continue thus until he laid hold of something solid and immovable,[139].—Stiffening and twisted sensation in the arms and hands (twenty-seventh day),[128].—Rheumatic pains in the hands and arms, coming on at intervals during the day (forty-fourth day),[128].—Spasmodic jumping of the muscles of the arms, passing off suddenly (sixth day),[128].—At night when falling asleep, a peculiar spasmodic jerking, at times in the left arm only, and afterwards in the right hand (third day),[128].—A peculiar sensation about the arms and neck, accompanied with slight twitching of the muscles (soon),[59].—***Shoulder.*** Soreness of the muscles of the shoulders and chest (twenty-second day),[128].—Rheumatic pains in the back, part of left shoulder, and in the muscles of the arms and legs (fifteenth day),[128].—Sharp rheumatic pains in the socket of right shoulder, in the evening (fortieth day),[128].—Severe sharp pains in the shoulder-joints and in the muscles of the chest, at 7 P.M. (third day),[128].—[**760.**] Sharp darting pains in shoulders and elbows (sixteenth day),[128].—Sharp momentary pain in top of left shoulder, shooting down to the breast (after one hour, seventeenth day),[128].—Sharp needlelike pains in socket of right shoulder (fifty-fifth day),[128].—***Arm.*** Soreness of muscles of upper arms, as if beaten, in the evening (thirty-third day),[128].—Soreness in the muscles of the arms (forty-fifth day),[128].—Tenderness of muscles of upper arms (forty-second day),[128].—Keen sharp pains in the back part of left upper arm and in forepart of thighs, in the afternoon (eighteenth day),[128].—Sharp pains in muscles of left upper arm, in the evening (thirty-ninth day),[128].—Sharp pains in muscles of upper arms (fifty-second day),[128].—***Elbow.*** Sharp pain in the right elbow-joint, coming on at short intervals, at 5 P.M. (sixth day),[128].—[**770.**] Sensation as though a drop of cold

water was dropping off the right elbow at short intervals, at times as if cold water dropped off the right shoulder (thirtieth day),[128].—***Wrist.*** So much subsultus tendinum, that I was unable to feel his pulse (after six hours),[150].—***Hand.*** Trembling of the hands,[25 28]; (twenty-fourth day),[128]. —Visible twitching in the veins of right hand; it seemed as if the blood had stopped and then flowed on again (forty-seventh day),[128].—Hands partially paralyzed, so that he was not able to hold anything between the thumb and fingers; he held the cup awkwardly between the two hands, as a bear might do,[115].—Hands spasmodically clenched,[148].—The left hand feels partially clenched (eleventh day),[128].—Involuntary clenching of the hands, especially when taking hold of anything (twenty-first day),[128].—Involuntary clenching of the hands (twenty-seventh day),[128].—Stiffening of the hands; she feared to take hold of anything, and when she did she could not grasp it firmly; when stretching out her arms, the hands became involuntarily clenched, at 6 P.M. (fourteenth day),[128].—[**780.**] Slight stiffening of left hand (thirty-seventh day),[128].—Momentary stiffness of the muscles of the hands, with intense itching of the fingers (forty-third day),[128].—Stiffness of the hands (fiftieth night),[128].—Rheumatic pains and momentary stiffness in the hands (twentieth day),[128].—Rheumatic pains in the hands (twenty-third day),[128].—Rheumatic pains in left hand (forty-second day),[128]. —Rheumatic pains and stiffness of hands, especially the fingers of left hand (forty-ninth day),[128].—Rheumatic pains in the hands, with stiffness of the fingers (fiftieth day),[128].—Cramplike pains in the palms of the hands; she can scarcely extend them (seventh day),[128].—Contractive pains in the palms of the hands, at 10 A.M. (sixth day),[128].—[**790.**] Violent sharp pains in the right hand (nineteenth day),[128].—Prickly numbed sensation in the left hand, at intervals during the day (seventh day),[128].—Numbed, prickly sensation in the left hand at intervals, and lasting a short time (twelfth day),[128].—***Fingers.*** Sharp pain in the right thumb and right great toe, at 5.30 P.M. (fourth day),[128].—Sharp needlelike pains in the ends of the fingers and toes (sixteenth day),[128].—Sudden, prickly, tingling sensation in the fingers (fiftieth day),[128].

Inferior Extremities. Painful convulsions of the lower extremities and nape of the neck, with lightning-like pains in the lumbar region constantly shooting,[24].—Very rigid tonic contraction of all the muscles of the lower extremities, rendering them fixed in a straight, extended position; no flexion of the legs could be accomplished, either at ankle, knee, or hip, without making use of greater force than I thought justifiable; the jaws were also firmly set, and the patient could not open his mouth by any effort he was able to make; the muscles of the trunk, chest, and upper extremities were but slightly, if at all, affected (after seven hours),[161].—Lost use of his legs,[152].—Loss of power in the lower extremities,[136].—[**800.**] Weakness of the lower extremities, trembling and loss of power, without loss of consciousness,[11].—The gait is feeble and tottering, and a general tremor pervades the whole body on attempting to walk,[65].—***Hip.*** Rheumatic pain and stiffness in the hip-joints (twenty-third day),[128].—***Thigh.*** Stiffness in the extensor muscles of the thighs, as if they were made of wood (second day),[127].—Stiffening of the muscles of the legs, especially the forepart of the thigh (twenty-seventh day),[128].—Rheumatic pains in the muscles of the thighs, at noon (nineteenth day),[128].—Severe aching in right upper leg (fifty-fourth day),[128].—Sharp cutting pains in the muscles of the left thigh, and in both arms (fourth day),[128].—Sharp needlelike pains in the inner part of the thighs, in the afternoon (twenty-eighth day),[128].—

Knee. Slight trembling of the knees (third day),[127].—[**810.**] Shaking of the legs, especially the knees (seventeenth day),[128].—Extreme stiffness of the knee-joints (eleventh day),[128].—Stiffness of the knee-joints (twenty-second day),[128].—Stiffness of the knee-joints and calf of left leg, in the morning (twenty-fifth day),[128].—Sore stiffness in the knees and in the calf of right leg (nineteenth day),[128].—Stiff kind of pains in the right knee, when sitting (ninth day),[128].—Rheumatic pains and stiffness of the knees and hips (sixteenth day),[128].—Rheumatic pain and stiffness in the knees and hips (twenty-sixth night),[128].—Rheumatic pains in right knee (thirty-second day),[128].—Drawing pains, starting from the muscles of the knees,[5].—[**820.**] Keen needlelike pains, at intervals, in the right knee-joint (thirtieth day),[128].—Sharp needlelike pains in left knee (fifty-third night),[128].—Needlelike pains in right knee-joint (seventeenth day),[128].—Sharp cutting pain in the right knee, at night (twenty-third day),[128].—***Leg.*** He draws his legs towards his body very slowly, they seem very heavy to him,[43].—Trembling in the legs, with a sensation of falling (eleventh day),[128].—Shaking of the legs, with stiffening of the muscles, the stiffness being much worse, after sitting (twenty-first day),[128].—Trembling of the legs; on rising from her chair she almost falls to the ground, so unsteady and powerless does she feel in the knee-joints; immediately (twenty-fourth day),[128].—Trembling of the legs (twenty-seventh day),[128].—Sudden jerking of the legs, at night (eighteenth day),[128].—[**830.**] Jerking of the eyes, at night (thirty-first day),[128].—Hard rigidity of the muscles of the legs (eleventh, fourteenth, and thirty-fourth days),[128].—Stiffness in the back of the legs (twelfth day),[128].—Stiffness of the muscles of the legs, followed afterwards by a similar sensation in the muscles of the back and neck (fourteenth day),[128]. Stiffness of the legs, with intense trembling of the knees (thirty-fourth day),[128].—Stiffening and trembling of the legs (fiftieth day),[128].—Considerable stiffness of left leg and back, apparently from sympathy with the testicle, which is still swelled, and sometimes painful (forty-ninth and fifty-second days),[127].—Stiff sensation in the legs on going down stairs, especially in the knees (first day),[128].—Weakness in the legs,[145].—Intense soreness of the muscles of the legs, especially the knees, lasting for about one hour (thirty-seventh day),[128].—[**840.**] Agonizing gnawing pain in the muscles of the legs above the knees, and in the back and neck (fourteenth day),[128].—Intense aching in the shin bones, when walking, at noon (twentieth day),[128]. —Intense aching in the shin bones, when walking (thirty-third day),[128].—Rheumatic pains in the legs, with sore stiffness in the knees and hips (twenty-first night),[128].—Rheumatic pains in the legs, from the knees upwards; at times in the joints of the knees and hips, especially in the left leg (thirteenth day),[128].—Pain in the legs,[70 132].—Hard pain all through the legs,[43].—Tightness in his legs,[110].—Trembling, powerless feel in the legs (fourteenth day),[128].—Strange darting sensation in the calf of left leg, and in the muscles of the upper part of left arm (first day),[128].—[**850.**] Sharp darting pains in the calf of left leg (second day),[128].—Sharp cutting pain in the calf of left leg (twenty-third day),[128].—Cutting pains in calf of left leg (thirty-fourth day),[128].—Sharp pains in calf of left leg (thirty-sixth day),[128].—***Ankle.*** Severe pains in the right ankle-joint; it is very painful to walk, in the forenoon (thirty-third day),[128].—***Foot.*** Feet began to stiffen (immediately),[143].—A very hard steady ache across the instep of both feet,[43]. —Intense aching in the feet, when walking (sixteenth day),[128].—Cramplike pains in the right foot and leg (eighth day),[128].—Cramp pains and twisted sensation in the right foot (thirty-fourth day),[128].—[**860.**] Violent cramp-

like pains in the feet, soon after the stiffening of the jaws and muscles of the face (forty-first day),[128].—Severe cramp in right foot (forty-second day),[128].—Sharp pain and twisted sensation in the feet, soon after the feeling of stupor and giddiness (forty-third day),[128].—Sharp pains in the feet, especially in the toes, with a peculiar thrilling sensation running up the legs (fifty-fourth night),[128].—Violent darting pains in the feet, especially in the bottoms of the heels (thirty-sixth day),[128].—Sharp momentary pains in the bottom of the right heel, and almost directly afterwards the same kind of pain in the right thumb and right hip-joint (after half an hour),[128]. —Sharp darting pains in bottom of left heel, and in nape of neck (thirty-eighth day),[128].—Intense aching in the soles and outer sides of the feet (after three-quarters of an hour, fourteenth day),[128].—Intense aching in the soles of the feet (nineteenth day),[128].—Violent itching, tingling feeling in the soles of the feet and palms of hands (seventeenth day),[128].—***Toes.*** [**870.**] Stiffened twisted feeling in the toes (after twenty-five minutes, twenty-seventh day),[128].—Stiffened twisted sensation in the toes (after half an hour, thirtieth day),[128].—Cramplike feeling in the toes of left foot, a sensation as if they would be drawn up, coming on at intervals, and lasting only a short time (second day),[128].—Sharp needlelike pains in the toes, with twitching of the feet and legs (twenty-seventh night),[128].

Generalities.—Spasmodic convulsive twitchings,[62], etc.—Spasmodic twitching of all the muscles, and general tremors,[145].—Every muscle of the body in a state of incessant twitching, which was greatly aggravated by touch,[130].—Twitching of limbs (after two hours), followed by violent tetanic convulsions and opisthotonos; the spasms were provoked by the slightest attempt to move, the entrance of any person in the room, or the closing of a door,[140].—On raising the hand to take hold of a cup, the hand was drawn back suddenly, as if it had been burned, and there came on spasmodic twitchings of both arms; she was obliged to eat with her elbows resting upon the table, the muscles of the forearm being under control, but not those higher up (after second dose, seventeenth day),[127].—Extremely violent twitching, first in the limbs, and then in the whole left side,[3].—[**880.**] Violent twitching of the whole half of the body that was paralyzed, with attacks similar to apoplexy,[3].—Twitching and paroxysms of tetanic spasm,[1]. —Universal muscular twitchings,[30].—Violent starting up and shuddering of the whole body,[4].—During the intervals of his periodic convulsions, sudden and powerful shocks and twitchings occurred; these were produced or increased by the slightest touch. The twitching of the muscles of the face resembled those of epilepsy,[66].—Violent electriclike starting and shuddering in the whole body, followed by opisthotonos, with excessive rigidity,[108]. —Shocks, stitches, and convulsive attacks in the paralyzed part, recurring at irregular intervals, always ending with sticky perspiration,[3].—Convulsive shocks passing through the body, with fixed feeling of the jaws and eyes, lasting for at least three hours (twenty-first day),[128].—Sharp convulsive shocks, with stiffening and trembling of the muscles generally, especially of the knees and jaws, at the second shock (twenty-fourth day),[128].— A single convulsive shock in left half of the body, felt first in the left foot and running quickly up to the head (thirty-fourth day),[128].—[**890.**] Violent convulsive shocks, with increased shaking and stiffening, and cold perspiration (forty-first day),[128].—Extremely violent shocks in the muscles, so that the right thigh was dislocated,[74].—Painful electriclike shocks in the muscles,[72].—Sudden shaking of the entire body, with stiffening of the muscles generally, especially those of the legs; she was quite unable to walk

for about an hour afterwards (forty-first day),[128].—Jerkings, like electric shocks, throwing the body up several inches, with distressing pain in the limbs and nape of the neck, with alternations of tetanic spasms, asphyxia and paralytic relaxation,[6].—Paroxysms of jerking in various muscles followed by stiffness of the whole body; violent spasms, with shuddering of the whole body and opisthotonos, with groaning, followed by death,[12].—Occasional jerking of the whole body (seventeenth day),[128].—Sudden spasmodic jumping or starting of the entire body, when falling asleep (seventh day),[128].—Frequent startings, and slight pain in the lumbar spine, shooting thence down the legs (after twenty minutes),[55].—Great muscular agitation, like that of a nervous man when under the influence of fright,[63].—[**900.**] Constant inclination to bend towards the right side,[11].—Tetanic shudderings (soon),[104].—General tremor over the whole body,[40].—Trembling of the whole body, with dyspnœa,[28].—Suddenly fell to the floor, complaining of inability to move his limbs, while his whole muscular system was in a state of tremor (after one hour),[124].—When going down the stairs she is obliged to hold on by the railing, so violently does she tremble (twenty-fourth day),[128].—Trembling, powerless feeling throughout the entire body, but without any stiffening, except of the jaws and fingers (thirty-first day)[128].—Trembling of the entire body, especially of the legs and hands (thirty-fourth day),[128].—Slight trembling, with confusion and giddiness (after one hour, thirty-seventh day),[128].—Convulsed, nervous, agitated feeling (twenty-seventh day),[128].—[**910.**] Convulsions,[143].—Convulsions recurring regularly,[2].—The upper limbs were spasmodically drawn across the chest, the forearms flexed at the elbows and immovable, the lower limbs stiff and rigid, and the feet distorted so that the soles looked towards each other,[4].—Spasm, first showing itself in the cervical muscles, then in those of the arm and chest, the latter producing slight opisthotonos, and lastly in those of the face, turning the eyes into their orbits, and setting the lower jaw firmly,[79].—Epileptic spasms for five days, beginning in the back and involving the head,[78].—Sudden spasm, associated with intense pain, lasting several minutes,[73].—Spasms returned on the slightest touch,[75].—Convulsive, spasmodic, and tetanic paroxysms, with their interval of repose,[62].—After twenty minutes she was heard to moan piteously, and almost simultaneously uttered a loud shriek. A succession of paroxysms, attended with increased cries followed; there was frightful rigidity of the limbs, accompanied by opisthotonos; also a dreadful sensation of choking, followed by death, after five hours,[57].—Spasms in from five to ten minutes; screaming; legs drawn up; feet turned inwards; body stiff,[27].—[**920.**] Paroxysms similar to intermittent fever, repeated at first every two weeks, and then every month, finally remaining away a year; the paroxysms lasted from half an hour to two hours, consisting of shivering of the limbs, ending with perspiration,[2].—Fell backwards in a "fit" (after fifteen minutes); constant disposition to convulsions, later; a violent convulsion, affecting the entire frame (after one hour); I corded his arm; the movement in doing this threw him into a frightful spasm, causing him to elevate his body, while he seemed to rest on his heels and the back of his head (after three hours and three-quarters); every attempt to move *threatened a convulsion*,[50].—In twenty minutes, convulsions, every limb shaking; short intervals of recovery, in which she uttered exclamations expressive of great pain; the least motion produced another paroxysm, shaking so powerfully that it required several persons to hold her,[32].—Every few minutes had a fit of general convulsions (after twenty minutes),[30].—Convulsions tossed the patient several inches up

in bed,[24].—When falling asleep, at night, several convulsive jerks of the entire body (first day),[128].—Body rigid, head drawn backward, respiration difficult and hissing between the teeth; these spasms remitted, but returned after a few minutes, with trismus,[113].—She was lying on a bed upon her back, and to the left; jaws closed, forearms flexed across the chest, fingers clenched. During the spasms she uttered screams. In the interim she conversed; was conscious of approaching death, and attempted to swallow medicine, but most of it would be forced back. She lived about thirty minutes and died in a spasm,[111].—Found in convulsions. After the administration of emetics, spasms set in, the head being bent over a chair; a relaxation of the spasms gradually took place, the heart's action and respiration ceased, and he died ten minutes after being brought into the hospital, from tetanus,[109].—Arm moving and the body twisting in a sort of writhing motion; death in about thirty-five minutes,[107].—[**930.**] She suffered considerably, and was strongly convulsed, for a long time,[96].—Convulsions came on, beginning with slight twitchings in the muscles of the lower extremities (after half an hour); violent convulsions every few minutes (after one hour),[94].—Almost the entire muscular system rigidly contracted, with occasional spasmodic action,[87].—Six convulsions in all, but only the first two were severe. He could himself foretell their onset by the intense muscular pain to which the incipient spasm gave rise,[160].—General convulsion, with some opisthotonos,[160].—Lying on her back, body rigid, jaws set, arms and hands flexed, the thumbs nearly touching across the chest, and the whole muscular system convulsed, with short jerky spasms, which would continue for about a minute and then remit, the muscles remaining contracted and as hard as wood during the intervals between the paroxysms (after half an hour),[156].—Constant twitching and spasm of the muscles; the spasms and convulsions were frightful to behold; about six hours after swallowing the poison the convulsions culminated in two of the most frightful and protracted attacks of opisthotonos either of us ever beheld,[152].—Repeated convulsions; every muscle was rigid, and tetanus complete,[151].—Convulsion ensued; spasm of the posterior muscles of the trunk predominating, with opisthotonos strongly marked. When I first saw him the intervals between the recurrence of the spasms varied from thirty to sixty seconds. There was spasm of all the muscles of voluntary motion,[146].—Convulsions; she uttered cries and vomited small quantities of an apparently alcoholic fluid; severe tremors; the convulsive movements continued, especially on touching her,[132].—[**940.**] Her muscles were rigid, and her body stiffened; she appeared to be in a "spasmodic fit," as he termed; there was twitching in the muscles of her shoulders; her arms, hands, and legs, as well as her body, were stiff, and her head was thrown back; he could not raise her, so he waited till the spasm had passed (after three minutes, as supposed); in a few moments the muscles relaxed; after an interval of about five minutes she went into another spasm; the teeth closed tightly, the breath forced through with considerable exertion, and she groaned as if her sufferings were intense; then came another intermission which lasted about ten minutes, when she had a third spasm, not quite so hard as the others, though similar; water was thrown in her face, which seemed to convulse her, but slightly. Her limbs were rigid, her hands half clenched, and she was frothing at the mouth; this last spasm was most severe of all; it lasted till her death, which took place in about five minutes from the commencement of the last spasm, and thirty minutes from the first attack,[116].—Lying on her back on the floor, quite sensible; arms

and legs stretched out to their fullest extent; hands clenched; toes flexed; legs close together; body in a state of opisthotonos; countenance livid and anxious; eyes starting from their sockets and fixed, pupils widely dilated, conjunctiva highly injected, teeth firmly clenched, breathing irregular, and at times almost ceasing; skin hot, bathed in perspiration, and steaming; pulse rapid and scarcely perceptible; the spasms relaxed at times, but did not entirely cease for one minute, and on the slightest touch of the body or legs, or on attempting to give her anything to drink, she would immediately cry out, "My legs! my legs! hold me! hold me!" and then utter a shriek; the head would then become drawn back, arms and legs extended, hands clenched, and the body in a state of opisthotonos; face and head a deep purple; foaming at the mouth; teeth clenched; eyes protruding and fixed; heart palpitating violently, and the breathing irregular, and as if drawn through a reed. No action of the bowels or bladder took place,[106].—Convulsed; pupils dilated, pulse full and rapid; he could not swallow the mustard; the convulsions became more rapid, they were of a peculiar character; the back and body became arched and rigid; the head was bent backward, and I believe he rested on his head and heels; the slightest touch of his person brought on the spasms. He frequently cried out, "Hold my legs, lift the clothes off." At length he had a severe convulsive attack, the whole body became rigid and arched, the color of the face became dusky and almost blue; this attack lasted about a minute; during the spasm he had a sardonic grin, the teeth were exposed, the muscles of the face drawn, and in that condition he died in about twenty minutes after he took the medicine,[135].—Every three or six minutes a paroxysm of horrible convulsions of the whole body, catalepsy, with opisthotonos, contraction of the abdominal muscles, loss of consciousness, the limbs cold and muscles hard, face of a cherry color, respiration impeded, and convulsive motion of the facial muscles; these paroxysms would last a minute, after which the limbs would regain their flexibility, and respiration would proceed normally (after second powder),[129].—Immediately everything seemed to turn green, and he suddenly fell to the floor, with inability to move his limbs, while his whole muscular system was in a state of tremor. He remained unable to move for about five hours, when he succeeded in reaching the nearest house in the course of two hours by walking and crawling between the spasms, which were of frequent occurrence. Violent spasms occurred at intervals of about half an hour, and about four thrills per minute passing through the system (after twelve hours),[126].—In fifteen minutes lying on back, convulsed constantly with the severest form of tetanic spasms. At times his whole muscular system was rigid, and he lay in the opisthotonos position, resting upon his head and heels, with the body raised from the floor in the form of an arch. Several of these terrible spasms occurred in the space of a minute; his jaws were firmly locked, and the approach of anything toward the mouth caused a recurrence of the spasms,[91].—Spasms of the lower limbs, afterwards he was seized with a violent attack of convulsions, during which the face was pallid and assumed a tetanoid expression, and it was impossible to move, or even touch him, without exciting horrible convulsions, which shook, not only the bed, but the room. At the height of the paroxysm the body was raised off the bed, as in opisthotonos, and then fell heavily. These effects were produced even by the act of feeling of the pulse, or moving the bedclothes. The arms were thrown above the head by the first attacks of spasms, but subsequently they were thrown violently forward across the body, and greatly agitated.

The eyes, during the spasms, were open, not turned up or congested. The pulse became exceedingly quick, and the respirations were 44 in the minute. The thorax heaved much, and some urine was voided during the fits,[83].—Partially conscious, but unable to answer questions intelligibly; in a very few minutes he seemed to be entirely unconscious and would say nothing; he straightened out and became quite stiff. During the hour and a half that followed, the spasms of the patient were so severe that it took three, and often four persons to keep him on the bed; he would throw himself about, snap at a hand that touched him, strike, and kick; suddenly his body would curve backward and rest on the head and heels, with the elbows on the bed at the sides; the muscles would continue to contract, drawing the head farther and farther back, until the occiput almost touched the spine, and the face was buried in the pillow; occasionally he would extend his arms at the side, with the fingers straight and separated, and rising to the sitting posture would stare wildly about the room, as if fearing some danger. As the symptoms grew worse he would take a long breath, straighten out and remain quite rigid, and it would seem as if that was to be his last breath. The intervals between the spasms were very short, and much of the time there was an almost constant repetition of the abovementioned features,[157].—On touching him, great agitation and jerking, immediately followed by a loud, sharp scream, increased suffusion and redness of the face, mouth open and stretched laterally, lips livid, eyes staring and much suffused, pupils dilated, head thrown back, spine and neck bowed, arms and legs rigid and cold. The fingers were straight, but bent at their metacarpal articulations, so that their points almost touched the palms of his hands, and the toes were also straight, but bent at their metatarsal articulations towards the sole, which was very much incurved. The muscular contractions were especially noticeable in the stump of the left leg, which had been amputated some years before, almost conveying the impression that the cicatrix would burst open. The attempts to respire were attended with great distress, and suffocation seemed imminent. The length of time between the fits varied, but during the time I watched him the intervals could seldom have exceeded five minutes. A medical student, who took careful observations and notes of the case, states that "the spasms occurred in groups of two or three, followed each other at intervals of about two minutes," then there was a longer interval, then another group, and so on. During the intervals the patient was perfectly sensible, in fact, his senses were preternaturally acute, and the slightest noise in the room, the play of children on a green some yards from the house, were all noticed as exciting causes in the production of spasms. During the spasms excruciating pain, with a feeling "as if his heart was coming into his throat," and accompanied by a sensation which he compared to "plunging through a wave when bathing,"[155].—When I saw her she was lying with limbs extended, and somewhat rigid; feet everted, head thrown slightly back, neck stiff, countenance pale and anxious, eyes wide open, pupils large, eyeballs oscillating at short intervals, skin moist and cool, pulse 84, full and soft. On touching her wrist to feel the pulse, she was thrown into severe tetanic spasm of the voluntary muscles, worse in the arm touched, and in the muscles of the back of the neck. After two doses of Tannic acid the spasms became more violent; there was trismus, the jaws closing tightly on the cup whenever she attempted to take anything; general spasms, accompanied by opisthotonos and asphyxia followed,[155].—[**950.**] Convulsions; the paroxysms came on every three or four minutes; he was conscious of their

approach, and entreated us to hold him, to raise him up, or to lift him out of bed, till his body became fixed, his head drawn back, and articulation impossible. In this condition of complete opisthotonos he remained for about a minute, his face livid, and death apparently inevitable,[149].—Tetanoid convulsions affecting the muscles of the trunk and spine; a rigid and tetanoid state of the muscles of the lower and upper extremities; the limbs extended, and the feet and hands drawn powerfully inwards, the patient seeming to touch the floor only with the head and heels,[147].—In the course of five minutes I began to feel slight cramps in the calves of my legs. The cramps increased in intensity and extended to the feet and thighs, causing the most intense pain. I attempted to rise from the chair, but fell to the floor with convulsions in the lower extremities, which became violent on the least attempt to move, and the feet were drawn in toward each other, becoming stiff and immovable, save as the occasional convulsions shook them. Unsuccessful attempts were made to bathe them in hot water, each effort to raise me bringing on a violent paroxysm, in the last one of which I thought my jaws had become unhinged. I was now perfectly paralyzed from the hips down, and suffering the most exquisite pains, which began to extend upward, the muscles of the shoulders and neck soon being considerably convulsed, the forearms still being free from pain. I now bade my wife "good-bye," and prepared for the final struggle, which I knew must be near at hand, as I had now become rigid from the neck down (save the forearms); the convulsions of the muscles were becoming fearful, and the torture awful to endure. And now came on a tremendous convulsion. My hands were drawn into my sides, with the fingers drawn apart and slightly bowed, and the jaws became rigid. I felt myself raised as if by some mighty power, and fixed immovably, with only my feet and head touching anything. I heard some one say, "It is all over with him," and felt something like a black pall settling down upon my brain, when I became unconscious of everything except my own agony, which was now beyond all description. I could feel my heart fluttering like a wounded bird, and my brain beating and throbbing with an irregular motion, as though at every beat it would burst from its confinement. Every joint was locked, and every drop of blood seemed stagnated. I remember thinking that it could not last long thus, when I must have lost consciousness,[147a].—The patient was lying on his back, in bed; his body slightly inclined to the right side; face and body covered with profuse perspiration; countenance indicating the most intense pain and fear; head thrown back, and the muscles of the neck and back greatly contracted. This opisthotonic condition would last only a short time (the exact time not observed), and then gradually subside. The remission would not be complete before the trismatic symptoms would again return with increased severity. The pulse varied from 90 to 110 beats. The mind remained unimpaired, and also deglutition and articulation, except when the spasm was on him,[81].—In about forty minutes he was taken with a fit; he was lying on his back, touching the bed only with his head and heels, and in violent tetanic spasm; his legs, arms, and hands were stretched to the widest possible distension; his mouth was gaped open, as if kept asunder with a gag; his face was purple; his eyes were puffed; his pupils immovable; his nostrils distended; every muscle of the body in the strictest tension, and respiration entirely suspended. His heart, however, was beating, and with a regularity and tranquillity that, under the circumstances, was very remarkable. He remained in this situation for a minute or more, when the action

of the muscles was suddenly reversed, drawing his head and thighs violently together, and jerking him almost off the bed. He now seemed conscious of the imminent danger of suffocation, and turning his eye imploringly to his friends, made the most distressing and desperate attempts to gasp and clear his throat. A little tenacious mucus was finally forced up into the mouth; the spasm of the glottis was relaxed; a long sighing inspiration occurred; the convulsion ceased, and he fell back on his pillow exhausted, but perfectly conscious. This intermission was short, and again the same congeries of symptoms appeared, perhaps more intensely violent, certainly of longer duration; and thus they were repeated, with almost unabated force and frequency, for three hours. The convulsions, as they came on, were always tetanic in their form, but often ended in the epileptic, being scarcely absent, however, in one or the other form, two minutes consecutively, for the first two hours immediately subsequent to my seeing him, and the patient being often unable to utter a word for fifteen or twenty minutes at a time. Once or twice the respiration was suspended for so long a time that I feared he had ceased to breathe forever,[60].—Convulsions, with slight rigidity; she was very sensitive to external impressions, the contact of the cup to the lips being sufficient to produce a paroxysm requiring four men to confine her to the bed, lasting two or three minutes; the paroxysms occurred every five minutes when she was quiet; the least movement or touch was sufficient to renew them immediately,[71].—His head became suddenly and convulsively retracted or drawn back; the spasms were violent, and seemed to cause him great pain, as expressed by the varied contortions of his features; the prevailing form of spasm now affecting the trunk seemed to me exactly that which is called the opisthotonos of tetanus; the muscles felt remarkably rigid, not only during the actual spasms, but also during the intervals between them; the spasms would not come on regularly and spontaneously, but during the short intervals that occurred between them, the slightest touch on the surface would reproduce them before the moment of their recurrence would arrive (after one hour),[69].—Spasm of the muscles of the neck; when I put my hand under his head to assist him to drink, I could not raise it from the pillow; next, his teeth were so firmly clenched that two men could not separate his jaws; then his knee-joints became as rigid as bars of iron; and, lastly, his body was raised off the bed and rested on the head and heels; the spasms were slight at first, but speedily became terribly severe; they were not constant, but alternated by intervals of repose,[67].—A fit came on, indicated at first by a slight heaving motion of the person, the body rising and falling alternately with the spasms. This motion continued slow at first, but gradually increased, and with it the patient's distress and anxiety, until the arms and hands were affected with similar spasmodic action and drawn up to the breast; breathing was suppressed, except only an occasional catching and by short gasps; the head thrown more and more backward, opisthotonos increasing; face distorted by the spasmodic action of its muscles, and rendered ghastly by its variations of color from red to white, and then quickly to a livid or purple hue; eyes staring, and as the fit increased, shaking the body in a fearful degree; the large dilatation of the pupils suddenly appeared, indicating the approach of general muscular relaxation and fatal exhaustion of the vital energies, as the consequences of so terrible a struggle, and such indeed was the case, for with a few faint efforts to breathe, all signs of vitality ceased,[63].—Several spasms had occurred, and one was instantly induced upon my offering her a little whisky

and water in a spoon. She opened the mouth to receive it, and immediately the teeth were closed spasmodically, and the whole frame, though still rigid, shaken as by a fit of epilepsy. The arms were brought suddenly against the chest, the hands pressing the throat with spasmodic action. Respiration ceased; the eyes grew more staring, and as if projecting from the head, the pupils dilating meanwhile. Although the interval between the paroxysms, after using chloroform, was at first apparently lengthened, it subsequently grew shorter and shorter. The length of the first was about fifteen minutes, the second nine minutes, the third about five to seven, and so on until there was but little or no intermission of the spasms, and these grew more violent. The fourth or fifth was terrific beyond description, beginning, as the others, with suspension of respiration and clonic spasm of the arms and hands, and a tremulous agitation of the whole body. The color of the face came and went with a rapidity which astonished the beholder, till the florid changed to a purple, and this only in isolated spots with a boundary of distinct white. On the neck, shoulders, and chest, this rapid transition of color was also observed. Added to this was the distortion of countenance, occasioned by the spasm of the facial muscles, giving almost every conceivable variety of horrible expression which the human face is capable of assuming. And over and above all, the feature most conspicuous, and which gave intensity to the scene of horror, was the eye. The lids expanded to their utmost capacity; the eyeballs seemed fairly to stand out from their sockets, staring with the expression of a demon, while the doubly rapid dilatation of the pupils to their fullest extent gave an unearthly glare that was awful to look upon, forming together *a tout ensemble* of the terrific expressions such as might aptly represent our truest ideal of the impersonation of all evil,[64].—[**960.**] She awoke and screamed out "I am poisoned!" started up in bed, fell back again, sprang up again, vomited, fell back in bed again, beat the bedclothes violently with her arms, became convulsed all over, then stiff, her eyes staring in her head, and her features contorted. Soon, again, she sprang up in bed with a wildly-frightened aspect, uttered a suppressed shriek, fell back in bed, the left side being convulsed; beat the bedclothes with her arms; was oppressed for want of breath, not gasping, but could not breathe; could not inflate the lungs, the muscles of the chest contracting so violently; the eyes prominent; pupils dilated, with a glaring, staring, wildly-anxious gaze; features contorted; mouth drawn to one side; the convulsions spasmodic, agitated twitchings, assuming a tetanic form; she became quite stiff,[61].—Spasmodic attack more or less severe; the last of these seemed to be induced by the application of a cup to the lips, and was very intense and prolonged; the patient started suddenly up in bed, his whole frame being in a state of complete opisthotonos; the respiration at first impeded, became suspended, and it was only by the continuance of long artificial respiration that it was restored; the limbs were rigid and the fingers clenched; pupils dilated; during the spasms, evident relief was afforded by forcible extension of the body; in the intervals, there was constant twitches of the extremities,[54].—About an hour and a quarter after he had taken some pills, violent screaming; beating of bedclothes with his arms; complained of feeling of suffocation; head drawn back; moving, as by jumping or jerking, both in the head and all over the body; difficult breathing; eyes projecting; gasped when he spoke as if difficult for him; hands fixed and stiff, asked to be rubbed; twitchings in the arms and body during the rubbing; twitched all over. In taking some liquid, he snatched at the spoon and seemed to

bite it very hard; his body was then jerking and jumping; snapped in the same way at a glass containing a draught which was given to him; fit lasted half an hour, then became composed. Twenty-four hours after this attack, from which he perfectly recovered, seized with another and more severe attack, about an hour after taking two pills; started up; stiffness of neck, which he asked to have rubbed; uttered loud screams; dreadfully convulsed in all the muscles of the body; opisthotonos; complained of suffocation; asked to be lifted up and turned over; could not be done owing to the rigidity of the whole body; quite conscious; heart's action gradually ceased, and he died tranquilly about one hour and a quarter after taking the pills,[53].—Starting every fifteen or twenty seconds as if he felt an electric shock; the spasms all resemble each other, and only differ in degree of severity and time of continuance, the lightest lasting about ten seconds, and the most severe holding on for five minutes. A description of one will give an idea of them all: He starts very suddenly, and immediately his legs are drawn asunder as far as possible; his body is curved upward, so that his head and heels only touch the floor, a foot or more of space intervening between it and his back; the muscles of the arms and legs are rigid; those of respiration are frightfully affected, so that it is with great difficulty that he breathes at all; his face becomes blue, then almost black; jaws tightly closed, and the stomach, partaking in the general contraction, forces up its contents, which stream in jets through his clenched teeth; at times his hands and arms are free from spasms, and in the more severe paroxysms he used his fingers to force open his teeth and mouth that he might vomit and breathe more freely; he calls upon us in every such spasm to press upon his abdomen to keep his back down to the floor; the opisthotonos seems partially overcome by this action. His spasm has now held on more than three minutes, during which he has not breathed at all; he has lost all consciousness, and indeed exhibits all the appearance of a suffocated man; his tongue protrudes; his eyes stand out from their sockets; we can perceive no action of his pulse or heart, and yet the paroxysm holds on notwithstanding all we can do to overcome it; at last the muscles relax and the spasm gives way; he does not seem to breathe; presently reviving under some stimulants, he remarks, "I can't stand another like that." He was not without spasms, more or less severe, for any longer time than one minute during four hours. He can lie in no position but on his back; whenever he turns to one side the opisthotonos is terrific, and compels him at once to turn on his back and call for pressure upon his abdomen. Every spasm seemed to him like an electric shock; the moving of a chair or any other noise, however trifling, gave rise to a spasm; he says it seems to him as if the noise itself were material, or that from the noise came something material down his spine; seems as if a stroke of lightning came to him from the place where the noise was produced; the slightest touch, even of a feather, upon his toe gave rise to a hard spasm; when no motion or noise occurred in the room or in the house, and nothing touched him, he seemed more quiet. During the more severe spasms, he felt as if dying from intense suffering all over the body, with heat and intense pain in the head; felt as if he "was passing into death." We were fully persuaded that the convulsive force seemed to be augmented by any long-continued quiet; he invariably had a harder spasm when from stillness of the room he had remained for a few minutes unaffected by spasm and resting; the force seemed to accumulate,[43].—The attempt of the patient to take liquids was followed by so violent a spasmodic fit as to prevent her

swallowing it, and to give that apparent dread of water so well marked in cases of hydrophobia. Even after her request for water, on attempting to give it, she would find herself so incapable of swallowing it as to request that its administration might be deferred until the fit was over, the effort to place the cup to the mouth being generally sufficient in itself to induce a relapse of the spasms,[40].—Lying back in the chair in a very convulsed state, every limb shaking. She was placed in an easy reclining position, and in a short time she partially recovered; but for a considerable period the shaking was so powerful that it took several persons to hold her hands open, which it was thought would be beneficial. There were short intervals of recovery, during which she uttered some exclamations expressive of great pain; but the least motion produced another paroxysm, and in this state she continued for nearly two hours, when she died,[51].—Found in a state of convulsions; one of these fits lasted several minutes; the body was thrown out of the bed by the simultaneous contraction of the extremities; the face was swollen and purple; the eyes fixed and looking upwards; the respiration but little affected; the pulse full, small, and intermittent; the surface of the body covered with a cold sweat; after various attempts to swallow, spasmodic action of the gullet prevented the passage of both liquids and solids; during the brief intervals between the attacks, the patient lay perfectly quiet, snoring, and insensible; after six severe attacks, within half an hour, he died,[27].—Violent spasms like epilepsy,[5].—On attempting to rise from a chair was thrown violently backward, as quick as lightning, and remained fixed upon the chair for an hour and a half,[2].—Severe spasmodic attack, her body quivering as though under the influence of a galvanic shock, accompanied with difficulty of breathing; attacks increased in violence; when cold water was applied to her lips the twitching returned,[70].—[**970.**] Frightfully convulsed, her head being thrown backwards by the violence of the spasm, her arms and legs being at the same time affected with severe spasms, and her jaws firmly closed,[59].—Violent convulsions; the spasms contracted and bent the feet, and the hands were clenched, too, and he died in one of the convulsions, quite black in the face,[58].—Violently convulsed (in ten minutes),[44].—Violent spasms, during which she shrieked out, the body being perfectly rigid and arched, resting upon the extremities,[48].—Severe twitching of the muscles (after first dose); violent convulsions (after second dose),[45].—Violent spasms, accompanied by violent shocks in the abdomen,[22].—Very much convulsed and cramped (soon),[35].—Frightful spasms, with black color of the face,[114].—Extensive, frequent, and severe spasms, and with each a blowing of froth from the mouth (after three hours); sensitiveness to external impressions increased, so that the spasms, like electric shocks, would ensue upon the slightest causes, as the touching of the bed, contact of a spoon upon the lips, a sudden step, a jarring of the room, or the slightest noise (after twelve hours),[121].—Frequent spasms (after one hour),[124].—[**980.**] Fearful spasms,[102].—Fell on the floor and died in violent convulsions (after half an hour),[101].—Fell to the floor, screaming with pain in his legs (after two hours and a half); violent spasm, resting on his head and heels, his teeth firmly clenched, his eyes open and staring from their sockets, pupils dilated, and countenance livid (after three hours),[99].—Violent convulsions; she was sensible during the intervals of the paroxysms, and frequently said, "Keep me down,"[92].—Strongly convulsed, with every symptom of tetanus,[93].—Violent clonic spasms,[139].—Violent paroxysms every five or ten minutes,[131].—Body and limbs perfectly rigid with spasms, which, when occasionally relaxed, was

excited by merely blowing in the face, or by the shaking of the floor in walking,[153].—Stretched on his back; countenance expressive of the most painful suffering and distress; his frame shaken by convulsive spasms; his limbs rigidly extended; his head slightly bent backwards; his feelings so morbidly acute that the slightest touch seemed to aggravate his suffering and to bring on a spasm,[89].—The terrible spasms of the muscular system, the lightning-like jerks of the limbs, the throat-latch grip, strangulation, and all the horrible phenomena attending a fatal dose of this medicine; the doctor went through the whole catalogue of the horrors and sufferings of a living death, and during the latter part of the night it seemed impossible that he could live; he was finally relieved by Chloroform and Morphia in solution, but the muscular spasms did not entirely cease until the afternoon of the next day, and the lameness or stiffness of the limbs and neck, and consequent debility of such an experience as he went through, continued for several days. During all the long hours of his unspeakable suffering, through that night and the next day, and when it seemed impossible that he could live through another spasmodic shock, his mind was perfectly clear, and he was entirely resigned to his fate,[120].—[**990.**] Violent convulsions and opisthotonos,[145].—Lying on his back in terrific convulsions; the heels, head, and elbows firmly pressed into the bed, in paroxysms in which the body seemed entirely supported on these points; the paroxysms were short, and came in rapid succession, perhaps lasting two minutes, with intervals of half a minute or less; they came on with violent clonic convulsions, in which the muscles of the dorsal surface greatly prevailed over those in front; they quickly became more quiet and steady in their action, and gradually relaxed until the body came in general contact with the bed; the tetanic rigidity remained in some degree till the next paroxysm, which was not postponed more than half a minute; a slight touch of the forehead produced a violent convulsion with the suddenness of an electric shock; the accidental touching of his foot produced a like result,[115].—Violent convulsions, like electric shocks, passing through the chest, jerking the whole chest and body up so that the shoulders would strike and rebound; neck drawn, with constant grappling of the same by his hands, indicating strangulation or asphyxia, with the hollow of the feet in each of the inferior extremities drawn inward. During the whole of the spasms the heart beat feebly, though regularly; eyes open with a vacant stare; pupils contracted; palpebræ passive or apparently paralyzed,[84].—He lost all control over his limbs, and fell down in violent fits; he raised a peculiar loud sobbing shout; the head was thrown back violently; the jaws became locked; the muscles of the neck started into rigid relief; the arms, trunk, and legs shot out into a straight line, and but for the assistants he would have fallen like a log of wood on the floor; the muscles felt as hard as iron, and exhibited a tremulous vibration similar to that produced by the action of a strong electro-galvanic current; the fit lasted three minutes, and recurred at intervals of ten or twelve, being succeeded by great prostration, rapid pulse, hurried breathing, and profuse sweating; the spasms were excited by the gentlest stimulants, such as feeling the pulse, touching the feet, or moving the bedclothes (the effects of which he likened to an electric shock); in offering him a pill or little water to swallow, a forcible blowing expiration took place, from spasm of the respiratory muscles and buccinators,[49].—He asked for drink, but took it with difficulty, as the attempt brought on convulsions, and was effected only after several attempts; when swallowed, it was ejected by jerks,[86].—The severe fits were comparatively few, but be-

tween them slight fits came on in rapid succession; indeed, the attempt to take any liquid would generally be sufficient to induce one, and even merely pressing gently the muscles of the jaw, or an attempt to open the mouth by pressing on the lips and teeth, was sufficient to excite an attack,[40].—In three-quarters of an hour violent spasms, subsiding at intervals of from four to eight minutes; during spasms, violent shaking of whole body, which was extended, stiff, and rigid; spasms at first most marked in back and legs; in ten to fifteen minutes they fixed upon the thorax; violent tetanus supervened; fixation of all the muscles of inspiration,[47].—Application of the hand to the abdomen caused the countenance to change color and brought on rigors (after ten hours),[132].—Could not move without convulsive action (after thirty minutes),[123].—Tetanus,[8].—[**1000**.] General tetanic convulsions and trismus, for six hours,[10].—Convulsed constantly with the severest form of tetanic spasms, and at times his whole muscular system was rigid, and he lay in the opisthotonos position, resting upon his head and his heels, with his body raised clear from the floor in the form of an arch. Several of these terrible spasms occurred in the space of a minute. His jaws were firmly locked, so that he could not swallow, and the approach of anything towards his mouth caused a recurrence of the spasms,[85].—Trismus, with the upper and lower extremities completely rigid, and paroxysms of opisthotonos and emprosthotonos occurring alternately. A paroxysm now took place every six minutes, each one lasting about two minutes, and during the emprosthotonic condition he uttered a violent shriek,[44].—Contracted state of the whole muscular system; the body assumes a tetanoid condition. There is a superexcitation of the nerves, proceeding from the cerebro-spinal axis,[65].—The effects of this agent, when given in small doses, repeated at regular intervals, are of a tonic character,[65].—The slightest noise or touch caused tetanic spasms, during which the patient uttered frightful screams,[28].—Tetanus and opisthotonos, with trembling and trismus,[122].—Tetanic spasms, with asphyxia, alternating with paralytic relaxation,[24].—Tetanic contraction of the extensors of the forearms and hands, with frequent twitching of the extensor tendons, followed by tetanic rigidity; head violently thrown backward or to one side: these spasms were followed by remissions and recurrence,[118].—Whole body affected by tetanic spasms; arms tightly crossed over the chest; head drawn backward; eyes distorted; frothing from the mouth; face livid; the spasms remitted for a few seconds, but returned more violent than before,[112].—[**1010**.] When brought into the hospital he had several tetanoid convulsions,[79].—Strong tetanic spasms (after one hour),[88].—Almost completely tetanic,[87a].—He conversed in gasps, asked to be held when the tetanic attacks were coming on and to be turned over during their presence,[56].—Tetanic spasm; the head and neck were drawn back; the face from being flushed became colorless, livid; the eyeballs rolled, and the pupils became largely dilated; the forearms were semiflexed and pronated, and the wrists and fingers flexed and pressed upon the chest, upon which she begged the bystanders to "brize," to prevent the arching of the spine; the lower extremities were widely separated, resting on the heels, with the feet moderately extended; perfectly rigid; opisthotonos; the pulse, which had been full and compressible during the paroxysm, became rapid, small, and almost indistinct. After the lapse of some minutes the spasm relaxed, the face again became colored, the eyes red, and the pupils natural. Several spasms followed, in one of which she died asphyxiated,[98].—The effects produced by the action of Strychnia manifestly proceed from its action on the spinal column, and

this is not generally of such a nature as to exhibit any visible alteration, even to the scrutinizing examination of the microscope. The muscular system is thrown into violent tetanic action, resulting in decided opisthotonos, and, notwithstanding this, the cerebrum seems but slightly affected, since the mind of the person, laboring under these violent convulsions, may be clear and undisturbed. His intellectual faculties will be unimpaired by the action of the Strychnia, and rational answers will be quickly given in reply to all questions propounded to him. The effect must be slight on the cerebrum, but the whole force of the poison is expended on the medulla oblongata and the medulla spinalis,[65].—During the tetanic fits the body was stiffened and straightened, the neck violently drawn back, the chest fixed, the eyes protruding from their sockets in a horrible manner, the legs pushed out and widely separated, the muscles of the face convulsed; pulse imperceptible, and no breathing could be perceived; the face was livid, more particularly the lips, and froth issued from the mouth. During the paroxysm the pupil was much dilated, becoming contracted after the violence of the fit had subsided,[40].—Lying upon the bed in a complete tetanic convulsion, his head somewhat drawn back, countenance completely livid, with some frothy matter issuing from his mouth, with frequent moans; the palpebra in constant motion; this first paroxysm may have lasted some five minutes, which was succeeded by an interval of partial calm; this interval lasted perhaps five minutes, when another paroxysm commenced by a little starting and stiffening of the extremities, and immediately the whole body was thrown into a tetanic paroxysm, in appearance like the first, and lasted two or three minutes, when death ended the struggle. The time of taking the article till death ensued could not have been over twenty minutes,[34].—Extremely violent tetanic shocks,[103].—Very violent tetanic convulsions; the extremities, upper and lower, were perfectly rigid and extended. The patient trembled violently, and was one shaking mass in constant motion,[68].—[**1020.**] Violent tetanic spasms in rapid succession, like the effect of shocks from an electrical battery; occasionally they would relax for a moment, but the slightest touch upon the surface, or an attempt to present anything to his mouth, seemed to redouble their violence; the convulsive movements precluded the possibility of deglutition of an emetic,[82].—An attempt to give emetics produced a most severe tetanic spasm. The jaw was firmly fixed, the extremities stiff, and the body bent back in a state of complete opisthotonos,[56].—On rising up that the spine might be examined, he was seized with a violent tetanic convulsion, in which there was complete opisthotonos and great difficulty in breathing, as well as severe trismus. The fit continued for about four minutes,[55].—Violent fit of tetanus,[40].—Violent tetanic convulsions,[158].—Violent tetanic spasm, the limbs extended and rigid, the jaws firmly fixed, and the body in a state of opisthotonos,[100].—Violent tetanic spasms, peculiar in that they were produced whenever any one approached the bed, whenever she was spoken to, whenever the covers were lifted, and on the slightest touch, as from feeling the pulse; the spasms lasted several minutes; did not completely relax in the masseter muscles; those of the upper arms and calves remained rigid and contracted; the convulsions were ushered in by screaming; there was no impairment of consciousness,[105].—On raising the eyelids, in order to ascertain the state of the pupils, a violent tetanic paroxysm was induced; just as the spasm commenced, the patient shrieked out, "Hold my legs; I am dying, I know I am!" The attacks rapidly succeeded each other, and gradually increased in severity,[100].—In about one hour she was seized with terrific tetanic con-

vulsions, which lasted several hours,[95].—Violent tetanic spasms, lasting each of them for about half a minute; they lasted altogether about a quarter of an hour (after two hours),[136].—[**1030.**] Violent tetanic spasms of almost all the muscles; the head thrown back; respiration difficult from the spasms of the respiratory muscles; congested appearance of the face, with a wild or anxious look; eyeballs prominent and staring; pupils dilated; pulse, in time of the most violent spasms, quick and hardly perceptible at the wrists; in intermission, full, regular, and 100 to the minute,[134].—Severe tetanic convulsion, involving nearly all the muscles of the body and extremities, which lasted for about one minute and a half. The chest was fixed; respiration became difficult; the body was bent backwards (opisthotonos). This was followed by an interval of rest and relaxation of all the muscles, but the patient seemed to be much prostrated. Slight convulsive starts and twitching of the hands followed at various intervals. After the attack the patient became so sensitive that the slightest touch or movement of the bed, or a sudden noise, would cause a spasmodic jerking of the whole body,[119].—Frightful periodical tetanic convulsions of the voluntary muscles and congestion of the face. At first opisthotonos was so severe as to force him off the bed on to the floor. During the attack the feet were inverted, the soles of the feet arched, the fingers clenched (not forcibly), the elbows flexed, the arms bent over the chest, the eyeballs fixed and protruding, pupils dilated, the neck stretched backwards and twisted. The attacks occurred at intervals of half an hour, more or less, and were so violent as to shake not only the bed but even the house,[86].—In about twenty minutes he was seized with a most violent tetanic convulsion, which lasted for about a minute, with well-marked opisthotonos. The intercostal muscles were so rigid, and his face was so blue and swollen, that it seemed as if suffocation must ensue. He appeared to suffer intense agony, and uttered most heart-rending cries,[144].—The extremities began to move spasmodically, and the whole system seemed to be under the influence of a potent poison; a violent tetanic convulsion occurred, in which the body became quite rigid, the extremities violently extended, the hands firmly clenched, the lips puffed out and frothy mucus protruded, driven out as it seemed by some enormous force which was producing the total expulsion of air from the lungs; the hands were dark blue, nails blue, face livid, and features horribly distorted; the pulse was very feeble and hardly perceptible. The convulsion soon passed off, with, however, no decided freedom from the tetanoid condition. On endeavoring to remove his boots, so as to plunge his feet into hot water, violent convulsions were produced, and every indication of agony was manifest on his countenance; his limbs were so firmly and stiffly extended, that it was impossible to do more than semiflex them, although the toes were somewhat limber; after the feet were in the hot water some five or six minutes, there was a relaxation of the spasms, but the tetanoid condition gradually came on again, and a most violent paroxysm ensued. There was considerable frothing at the mouth, complete opisthotonos, lividity of the face, entire cessation of respiration and movements of the heart; he was thought dead for the moment by all around him; gradually, however, the circulation seemed to be re-established, and the respiration to become easy and regular. Soon, however, the tetanic symptoms again presented themselves, and another, though less violent, attack was experienced. There would be slight intervals, lasting for a few minutes, of freedom from spasmodic action, and then a recurrence of spasm, until, finally, a violent convulsion ensued, in which the body became very rigid, the extremities

violently extended, face livid, changing to a pale and bloodless hue, eyelids opened widely, and the pupils dilated; the paroxysm was protracted longer than any preceding it. All efforts to overcome the spasm were in vain. Death ensued in somewhat less than three hours and a half after the poison had entered the stomach,[66].—Seized with a violent tetanic spasm, affecting the legs and muscles of respiration, and had only time to call out for assistance before the sensation amounted to that of absolute suffocation (ten minutes after second dose). Spasms now followed each other in rapid succession, the intervals being about a quarter of an hour or twenty minutes, and the affection was confined principally to the legs, back, and respiratory muscles, the arms being comparatively unaffected. The numbness and dragging of the muscles, which had been continuous during the first five hours, disappeared entirely during the intervals of the spasms, and the patient was left without any uneasy sensations, excepting the exhaustion of the previous fits and the apprehension of its successor. During the whole of this time he was not only perfectly conscious, but his senses were preternaturally exalted, and he distinctly heard a variety of whispered observations of the physicians and his friends. The paroxysms, after continuing for some time, began gradually to diminish, the intervals became longer, and the duration of each spasm shorter, and it was hoped that they were about to pass off, when all at once they returned in their original violence. This proved, however, to be the last expiring effort of the poison, for the symptoms now entirely ceased, about thirteen hours after the first dose was taken. At the conclusion of the spasms, the patient was left in an excessively exhausted state; from this, however, he recruited with great rapidity,[36].—The spasms ceased at times, during which the circulation improved, the cyanosis disappeared, and consciousness returned,[106].—Whole body rigid,[148 154].—Rigidity of the body, alternating with violent spasms,[77].—The whole body suddenly became stiff and rigid, with momentarily threatening suffocation,[4].—[**1040.**] The whole frame rigid, except the arms and hands, which she could exert with comparative freedom and ease. The muscular system generally was on the stretch. The legs were stiff, and the feet drawn down and fairly bowed; the thumbs slightly drawn in, presenting the appearance of carpo-pedal spasm. The muscles of the chest and throat, and especially the latter, were in active play, as though laboring to overcome some powerful obstacle to the admission of air to the lungs; an exquisite sensitiveness of the nerves of sensation,[64].—Stiffening in the muscles generally, especially in the legs from the knees upwards, and in the left hand (eleventh day),[128].—She was found quite stiff, her eyes staring, and her hands clenched,[137].—Muscles rigid,[131].—Muscles of the body generally, but especially of the legs, very hard,[136].—Extreme rigidity of the whole muscular system. The abdominal muscles and those of the lower extremities were more rigid than those of the thorax and upper extremities,[158].—Muscles powerfully contracted,[97].—The whole body became rigid, immovable, and bent backward and towards the right side,[108].—Stiffness of muscles and inability to move limbs (after three hours),[121].—All muscles of body rigid and extended, and body bent backwards at a considerable curve (after twenty minutes),[30].—[**1050.**] Whole muscular system rigid; muscles of the back, and of the upper and lower extremities, rigidly contracted; head drawn back; articulation difficult (after twenty minutes),[39].—It was found impossible to produce any relaxation of the body during a fit; the head was firmly bent back, the hands were clenched, the arms bent, the legs and body extended, and if moved she remained in that fixed position,[49].

—Whole muscular system rigid; the muscles of the back and legs so rigidly contracted that it was with extreme difficulty that my patient could walk (after twenty minutes),[42].—The whole frame rigid and straight, or slightly curved backwards, and although expressing a wish to be raised to a sitting posture, apparently that he might breathe easier, yet an attempt to elevate his head, which was low and drawn back (there being slight opisthotonos), and the neck rigid, excited spasms, so that he begged us to desist,[63].—Lying on back in bed; hands clenched; forearms flexed; one leg extended, the other in the act of being so, convulsed; head drawn back,[52].—Lying on his back, with his upper and lower extremities extended and *rigid* (after three hours and three-quarters),[50].—Lying upon his back; his legs stretched wide apart; toes bent upon the bottom of the feet,[43].—He lay upon his back; arms extending obliquely from the body,[121].—Outstretched, without consciousness; jaws clenched; respiration very difficult,[117].—Head bent backward and body rigid,[4].—[**1060.**] Body bent backward,[9].—Slight opisthotonos,[141].—Opisthotonos,[25 72 151].—Opisthotonos; the muscles of the spine are hard and rigid, like cords, the arms outstretched, the hand clenched,[76].—Well-marked opisthotonos, the head being drawn very much backwards,[130].—Great opisthotonos,[87a].—Complete opisthotonos,[75].—Weakness,[23].—Extreme weariness, in the morning (fifty-third day),[128].—Trembling, powerless state of body (forty-third day),[128].—[**1070.**] Extreme weariness (several days),[128].—Extreme weariness and lassitude, in the morning (twenty-sixth day),[128].—Extreme weariness and yawning, in the afternoon (twenty-third day),[128].—Great weariness and prostration (sixth day),[128].—Great weariness with the giddiness and nausea (third day),[128].—Great prostration after the spasms,[49].—Prostration succeeded to excitement (after eighteen hours),[132].—Collapsed appearance,[152].—Faintness, during which the patient said it seemed as though electric shocks passed from the nape of the neck to the forehead,[13].—Restlessness (after second powder),[129].—[**1080.**] Exceedingly restless (after fifteen minutes),[50].—Extreme restlessness, with complete consciousness,[23].—Restlessness, with profuse perspiration (forty-fourth night),[128].—Hyperæsthesia and shrinking from currents of air (after seven hours),[161].—Excessive hyperæsthesia,[118].—Extreme sensitiveness to external impressions; a moderate noise or the slightest touch affected her most disagreeably,[23].—Sensation acute,[63].—The contact of the slightest breeze becomes painful, and that of a solid body produces shuddering and spasmodic movements,[65].—Great sensibility of the cutaneous surface to cold, so as to shrink convulsively from the least wind, and to start convulsively at the slightest noise,[21].—Extremely sensitive to the slightest touch or noise; every little noise appeared to beat at the back of the brain (thirty-first day),[128].—[**1090.**] She felt extremely sensitive to the slightest touch; if the foot was touched, it jumped as though it was shot off (twenty-seventh day),[128].—The sensation of touch is made painfully acute, and the slightest touch of a foreign body at once produces convulsions more or less powerful. The effort to raise an eyelid has produced a spasmodic action, which seemed to run through the whole system with electric rapidity,[65].—The organs of special sense became peculiarly sensitive,[65].—The sensitive nerves seemed to convey abnormal impressions, for while the surface was hot to the feel, she at first complained of coldness; subsequently, however, the sensation was of heat, yet she described the feeling as numbness,[64].—Nervous, agitated feeling (twenty-fourth night),[128].—Sudden stiff sensation in the muscles generally, especially of the legs and abdomen, with extreme soreness (forty-seventh day),[128].—A convulsed, stiffened, and twisted feeling, at one mo-

ment in the arms and hands, at another in the muscles of the face, a feeling as though the arms were snatched back when taking hold of anything; these sensations lasted for about three hours and then suddenly passed off; she felt all the time as if she would have a "fit," though she never had anything of the kind (seventeenth day),[128].—Feels stiff all over (after twelve hours),[43].—The child screams with pain during the spasms,[148].—Great pain (after one hour),[69].—[1100.] Cramp pains,[92].—Dried-up feeling all over the surface of the body,[43].—Dead numbness all through the limbs and body,[43]. —A feeling of stagnation in or a powerless numb feeling throughout the entire body (fiftieth day),[128].—Powerless sensation in the entire body (twenty-seventh day),[128].—Felt slightly indisposed, the most prominent symptom being a sense of numbness in the back of the legs (soon); the symptoms suddenly increased, the numbness being accompanied by a sense of want of power, and a sort of dragging of the muscles of the leg, which soon became so great that, as he described it, he had to put his hands at the back of his thighs in order to push his legs along. As he was in the midst of describing the effect upon his muscles, and bending himself so as to show how it occurred, he suddenly overbalanced and fell heavily backwards (after two hours and a half),[36].—On rising, in the morning, intense soreness in the muscles generally, especially of the legs and back (fifteenth day),[128].—Peculiar sudden faint sensation, with a sense of extreme brilliancy of vision (after three hours and a quarter, fifth day),[128].—Tremulous feeling, with giddiness at intervals, in the afternoon (nineteenth day),[128].—Trembling, faint feeling, with sudden heat down the spine, at night (seventeenth day),[128]. —[1110.] Slight general convulsive shocks (forty-third day),[128].—Sudden jerks of the entire body when falling asleep (forty-third night),[128].—Jerkings quite similar to electric shocks,[23].—Sharp darting pain in the muscles at intervals (forty-seventh day),[128].—Shooting pain in all the muscles generally (second day),[128].—All the pains are more of a *cramplike* nature than rheumatic; they make her feel *as though she would be stiffened* (fourth day),[128].—While sitting, suddenly a kind of spasmodic jumping in the lower part of the trunk, and now and then in the left arm (after six hours and a quarter),[128].—In the evening the soreness and aching of the whole body became much worse, with intense aching in the back and behind the ears, especially the left half of the back about the waist (fifteenth day),[128]. —Felt very much shaken, in the morning (twenty-eighth day),[128].—All symptoms greatly aggravated, at night (forty-first day),[127].—[1120.] She felt herself altogether worse between 8 and 10, in the evening (third day),[128].—On rising, in the morning, felt much better,[128].—(Felt much better in herself, in the morning; the head and eyes seemed free, which had not been the case the entire week), (eighteenth day),[128].—(Since taking the last dose, on the thirty-seventh day, she has felt much better in herself), (fortieth day),[128].—All the symptoms declined in half an hour,[104].

Skin.—Objective. Skin at first pale, became at last bluish, the face puffy and dark violet, the lips dark blue, the neck swollen, and the jugular veins distended,[108].—Skin livid, and complete redness of entire surface,[141].—The skin of the body became bluish, the capillary vessels filled with venous blood,[4].—***Subjective.*** Feeling of "burning all over" (after thirty minutes),[123].—Sensation of burning, itching, sticking, as of large pins in the skin,[53].—[1130.] Prickling in the extremities,[78].—Prickly sensation in the feet at intervals (forty-sixth day),[128].—In the place where the drug is rubbed in there are violent burning, sticking, and increased warmth,[29].—Formication of the extremities,[72].—Formication over the arms and lower extremi-

ties,[75].—Formication of the tips of the fingers,[5].—Intense itching of the skin of the entire body, even of the scalp (fourteenth day),[128].—Troublesome itching of the skin for about two hours (sixteenth day),[127].—Itching of the skin generally, more particularly of the legs and arms (thirty-fourth night),[128].—Intense itching of the skin (thirty-seventh, forty-first, and fifty-second days),[128].—[**1140.**] Intense itching of the skin, at night (forty-third day),[128].—Intense itching of the entire skin, lasting for several hours (fifty-third day),[128].—Intense itching of face, ears, and neck, at night (forty-fifth day),[128].—Intense itching of face, arms, and legs (fiftieth day),[128].—Itching of face, arms, and legs (forty-seventh day),[128].—Violent itching of the legs (twenty-first and twenty-fourth nights),[128].

Sleep.—Sleepiness. Yawning and extreme weariness, in the afternoon (twenty-third day),[128].—Extreme drowsiness and chilliness (second day),[128].—General drowsiness, lasting for some hours (third day),[127].—Sudden drowsy sensation, at 11.30 A.M. (sixth day),[128].—[**1150.**] Extreme drowsiness, with stupid headache (fifteenth day),[128].—Drowsiness and loss of memory, with extreme giddiness (seventeenth day),[128].—Drowsiness and extreme dulness (twenty-fifth day),[128].—Drowsiness, with a shattered sensation in the head (thirty-third day),[128].—Extreme drowsiness and yawning (thirty-fourth day),[128].—Extreme drowsiness (thirty-fifth and forty-sixth days),[128]. —***Sleeplessness.*** Sleeplessness, with internal uneasiness, anxiety, and oppression, so that she was unable to sleep,[24].—Sleeplessness caused by dread of the rectal spasms,[127].—Sleeplessness, visions of dead persons (first day),[128]. —Very sleepless night (twenty-seventh day),[128].—[**1160.**] Sleepless night (first and second night),[127].—Has not slept at all during the night,[43].—Not at all drowsy, rather the opposite,[43].—Extreme restlessness and talking in her sleep, accompanied by a peculiar working in the back of the brain (twentieth night),[128].—Restless nights, with profuse perspiration, since the last dose, the twenty-fourth day (twenty-seventh day),[128].—Restless nights and profuse perspiration since taking the last dose, on the thirty-first day (thirty-fourth day),[128].—Very restless night (forty-fifth day),[128].—Rest bad (forty-seventh day),[127].—Great restlessness (fifty-fourth night),[128].—At night, disagreeable dreams; strange wanderings of the imagination (sixth day),[128].

Fever.—Chilliness. [**1170.**] Extreme chilliness (several days),[128]. —Extreme chilliness and drowsiness (second day),[128].—Peculiar creeping chilliness all over, with a tremulous sensation in the jaws (third day),[128].—Extreme chilliness, even in a warm room (fourth day),[128].—Extreme chilliness and drowsiness (twenty-fifth day),[128].—Slight shivering (twenty-second day),[127].—Shivering,[6 23].—Shaking chill,[75].—Icy coldness all over, with shivering and yawning (eleventh day),[128].—General coldness, especially in the sacral region, which feels as if iced (twenty-third day),[127].—[**1180.**] Icy coldness of the entire body (twenty-eighth day),[128].—A feeling of coldness suddenly came over him; he shivered all over, and his limbs became quite rigid,[142].—Whole surface of body quite cold,[139].—Surface cold,[47 69].—Skin rather cool (after one hour and a half),[46].—Skin cold and clammy and of a dark livid hue,[147].—Painful coldness of the head, at 3.30 P.M. (seventh day),[128].—Peculiar creeping chilliness, with heat, in the right side of the head and face (first day),[128].—Cold chills passing over the head and down the back (forty-third day),[128].—Icy coldness of the head and down the spine (sixteenth day),[128].—[**1190.**] A single cold chill down the entire length of the spine; afterwards she felt deathly cold (third day),[128].—Icy coldness down the spine, accompanied by a kind of nervous shuddering (fourteenth day),[128].—Icy coldness down the spine (fifteenth

day),[128].—Cold chills down the spine, at night (twenty-fifth day),[128].—Cold chills down the back, frequently (twenty-first night),[128].—Cold chills down the back (twenty-ninth and thirty-second days),[128].—Coldness of back (fifty-second night),[128].—Extremities cold,[88 124 126 129].—Extremities cold and rigid (after six hours),[150].—Arms and legs cold (after three hours and three-quarters),[50].—[1200.] Lower extremities cold, and perspiration *flowing in a stream* from his head and chest (after twenty minutes),[42].—Feet cold to touch,[43].—***Heat.*** Fever of an adynamic intermittent type (such as I have frequently witnessed in Peshawar, on the northwest frontier of India), with considerable prostration, during these seven days (thirtieth day),[127].—Slight fever caused by dread of the rectal spasms,[127].—Began to get hot during the spasms,[136].—Temperature of the body higher than usual, between the paroxysms,[57].—Suffering from heat,[66].—Temperature 100 (after seven hours),[161].—An intolerable sense of heat complained of over the entire body, although on some parts cool to the feel, so that he could not bear the slightest covering,[63].—Burning heat all over, with a hot sweat,[43].—[1210.] Skin warm, and covered with a profuse clammy sweat,[89].—Body warm, but hands and feet rather cold (after one hour),[94].—Increased warmth of the body,[3].—Sensation of warmth starting from the abdomen and spreading over the whole body, and ending with general profuse perspiration,[3].—Burning heat and great fulness in head,[43].—Heat and intense pain in the head,[43].—Sudden burning heat in the face (twenty-seventh day),[128].—Sudden heat down the spine, with trembling faint feeling, at night (seventeenth day),[128].—***Sweat.*** Perspiration rolling off him,[121].—Profuse perspiration, with restlessness (forty-fourth night),[128].—[1220.] Profuse perspiration, with relief of the symptoms,[29].—Perspiration flowing profusely from the face and chest (after twenty minutes),[39].—Profuse sweat after the spasm,[49].—After the attack subsided, very copious sweating ensued,[86].—Profuse perspiration during sleep (forty-seventh and forty-eighth days),[127].—Skin bathed in perspiration, warm (not hot) and uniformly so,[63].—Surface bathed in perspiration,[82].—Body bathed in warm perspiration (after seven hours),[161].—The skin was bedewed with perspiration, and the capillary circulation congested, so as to give an unusual floridness to the complexion on the upper part of the forehead, amounting to a slight bluish or purplish color,[64].—Regularly recurring perspiration,[2].—[1230.] Large drops of perspiration on the face, and matting of the hair, arising from profuse perspiration,[155].—Perspiration of the chest became excessively violent,[108].—Skin covered with cold sweat,[88 122].—Cold sweat,[145].—Sudden cold perspiration and icy coldness of the entire body (twenty-fourth day),[128].—Cold perspiration, with the convulsive shocks and increased shaking and stiffening (forty-first day),[128].

Conditions.—**Aggravation.**—(*Morning*), Headache; griping pain in bowels; weariness.—(*Evening*), Thumping pain in head.—(*Night.*—Toothache; symptoms.—(*Bending head down*), Stiff sensation up the spine.—(*Exertion*), Pain in back.—(*After meals*), Oppression of chest.—(*Noise*), Tetanic spasms.—(*Opening mouth*), Jerking sensation in stomach; jerks in back.—(*Sitting on hard seat*), Uneasiness about bladder and urethra.—(*After sitting*), Stiffness of muscles of legs.—(*After standing*), Aching and stiffness in back.—(*Touch*), Twitching of muscles; spasms; violent convulsions.—(*Walking*), Uneasiness about bladder and urethra; burning in urethra; aching and stiffness in back; aching in shin bones; aching in feet.

SULFUR.

The element, Sulphur.

Preparation, Trituration of sublimed sulphur. (Flores Sulfuris.)

Authorities. (Nos. **1** to **8** from Hahnemann, Chr. Kn.).† **1**, Hahnemann; **2**, Fr. Hahnemann; **3**, Nenning; **4**, Wahle; **5**, Walther; **6**, Ardoynus, de venen, Lib. II, C. XV (statement, Hughes); **7**, Hufel. Journ. (statement, Hughes); **8**, Morgagni, de sed. et Caus. Mort. (observation, Hughes); **9**, Gross, Archiv., 19, part 3, p. 186; **10**, Helbig, Heraclides, part 1, p. 64, symptoms by Helbig; **11**, Krin; **12**, P.; **13**, Knorre, A. H. Z., 6, p. 37, effects of 2 drops of tincture; **14**, 1 drachm of flowers taken at once; **15**, Dr. Molin (de Luxenil), Arch. de la Med. Hom., vol. 3, 1835, p. 377, took 8 glob. of 30th, morning and evening (first, third, fourth, and fifth days), 10 glob., morning and evening (sixth and seventh days), 32 glob. at two different times (eighth day), 32 glob. (ninth, tenth, and eleventh days), 40 glob., twice (twelfth day), 25 glob. in morning (thirteenth day), used in this proving, 4 drops of 30th; **16** to **45** *c*, from Dr. F. Wurmb, Zeit. des ver Hom. Aerzte Oest., 1, 1857;‡ **16**, Victor Arigler, æt. 22 years, took a dose of Sulphur every morning from October 29th, 1846, to Jan. 6th, 1847, excepting Nov. 15th and 16th; **17**, Dr. Arneth took 12 drops of 800th dil., no particular effect; a week later took 10 drops of 400th dil. (first, fifth, sixth, and seventh days); **17** *a*, same, three days later took 5 drops of 31st dil. in 1 ounce distilled water (first, fourth, ninth, and nineteenth days); **17** *b*, a week later took 5 drops of 13th dil. in ½ ounce distilled water (first, second, third, fourth, and seventh days); **17** *c*, took 10 grains of 3d trit. (1–99) in 1 ounce distilled water, at night (first, fourth, seventh, thirteenth, and sixteenth days); **17** *d*, a month later took a dry powder of 3d trit. (first, fourth, sixth, and eleven days), **17** *e*, 10 grains crude Sulphur (first and fourth days), 20 grains (sixth day); **18**, Dr. Garay, took 10 grains of 6th dec. trit. (first day), 20 grains 6th trit. (second day); **18** *a*, five days later took 40 grains 8th trit., at 2 P.M. (first day), 10 grains (fifth day), 20 grains at noon (ninth day); **18** *b*, 2 drachms of flowers of Sulphur in a glass of water, at 10 P.M. (first day), ½ ounce in water (fifth day), 1 ounce in water (eighth day); **18** *c*, three weeks later took another dose of Sulphur; **18** *d*, two weeks later took 2 ounces of Sulphur in water; **19**, a girl, æt. 7½ years, took at one time 5, at another 20 grains of the 6th trit.; **20**, F. Goottwald, æt. 37 years, took a drachm of the 1st dec. trit. (first and third days); **20** *a*, took a scruple of the 3d trit. (first and third days); **21**, Dr. Franz Hausmann, took 68 grains of 16th trit. at 7 A.M. (first day), 20 grains of 5th trit. at 7.30, 26 grains 14th trit. at 10 A.M. (fourth day), 37 grains of 13th trit. at 8.30 A.M., 35 grains of 12th trit. at 9.30 A.M., 25 grains of 11th trit. at 10 A.M., and 28 grains of 10th trit. at 12 M. (fifth day), 36 grains of 9th trit. at 6 A.M., 34 grains of 8th trit. at 7 A.M., 26 grains of 7th trit. at 8.30 A.M., 34 grains of 6th trit. at 8.30 P.M. (sixth day), 32 grains of 3d at 7 A.M., 26 grains of

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† The last contribution of the late Dr. Dunham to this work was handed me by the late Mrs. Dunham, soon after his death, viz., a list of his verifications of Sulphur, taken from his copy of Hahnemann.—T. F. ALLEN.

‡ The symptoms of these provings are given in detail for purposes of study and comparison.

4th trit. at 9 A.M. (seventh day), 35 grains of 3d trit. at 7 A.M., 35 grains of 2d trit. at 6 P.M. (eighth day), 17 grains of 1st trit. in the morning (ninth day); **22**, Dr. Wenzel Huber, took 10 grains of 6th trit. six successive mornings without effect, then 10 grains of 5th trit. for five days, then 10 grains of 4th trit. for five days, after one day the same for five days, then after one day 10 grains of 1st trit. for eleven days; **22** *a*, same, six months later, took 50 grains of 6th trit. (first day), 100 grains of 6th trit. (second and third days), 100 grains of 5th trit. (fourth, fifth, seventh, and eighth days), 100 of 4th trit. (ninth, tenth, twelfth, and thirteenth days), 100 of 3d trit. (fifteenth, seventeenth, eighteenth, and nineteenth days), 100 of 2d trit. (twenty-first, twenty-third, twenty-ninth, thirtieth, thirty-first, thirty-third, thirty-sixth, and thirty-seventh days), 100 of 1st trit. (forty-first, forty-second, forty-third, and forty-fifth days); **22** *b*, same, took 100 drops of concentrated tincture in water (first, second, and third days), 200 drops in morning and at 8 P.M. (fourth day), same at 5 A.M. and 8 P.M. (fifth day), same at 7 A.M. and 8 A.M. (ninth day), 400 drops with warm sugar and water, morning and evening (tenth day); **22** *c*, same, ½ ounce of tincture was rubbed into the skin of the thigh (first day), same quantity rubbed into thighs and arms at 7 A.M. and 8 P.M. (second day), 1½ ounces at 8 P.M. (third day), same in the evening (fourth day); **23**, Mrs. Huber, took the triturations in the same quantities and on the same days as her husband, in his first series of trials; **24**, Dr. Huber's, trial on a man, æt. 47 years, who took 20 drops of tincture daily for nine days, 30 drops (tenth day, and from seventeenth to twenty-fourth days inclusive); **25**, Dr. Wm. Huber, took 5 drops of 101st dil. at 7 P.M. (first day), 10 at 6 P.M. (second day), 15 at 6 P.M. (fourth day), 20 at 3 P.M. (fifth day), 25 at 8 P.M. (sixth day), 30 in the morning (eighth day), same about noon (ninth day); **25** *a*, same, took 15 drops of 102d dil. (first day), 15 in the morning (second day), 25 in the morning (third and fourth days), 30 in the morning (fifth day), 40 in the morning (seventh day); **25** *b*, same, took 25 grains of 6th dec. trit. at 6 A.M. (first day), same at 7 A.M. (second day); **25** *c*, same, took 5 grains of 5th trit. at 8 A.M. (first day), 10 of 5th trit. at 7 A.M. (second day); **25** *d*, same, took 5 grains of 4th trit. (first day), 10 grains (second day); **25** *e*, same, took 5 grains of 3d trit. in the morning (first day), 10 in the evening (second day), 15 in the morning (third day); **25** *f*, same, took 5 grains of 2d trit. in morning (first day), 10 in the morning (second day), 20 in the morning (third day); **25** *g*, same, took 5 grains of 1st trit. in the morning (first day), 10 in the morning (second day), 30 in the morning (third day); **26**, Lorenz Köstler, æt. 25 years, took ten powders of Sulphur, each containing 5 grains, without effect, the next month took 10 grains (first, second, fifth, sixth, seventh, eighth, tenth, eleventh, and twelfth days); **26** *a*, same, a month later, took 10 grains every morning for four days, same in the evening for three days, without result; two weeks later 20 grains (first, second, fourth, sixth, tenth, eleventh, thirteenth, and fourteenth days); **26** *b*, same, took for over three weeks, three times daily, 5 glob. moistened with tincture; **27**, Franz Kurz, æt. 23 years, took repeated doses of 5 to 30 grains of Sulphur for nearly two months; **28**, Dr. Jacob Landesmann took daily, for thirteen days, 10 drops of 4th dil. (1–99); **28** *a*, same, took daily, for eighteen days, 10 grains of 1st trit. (5–95); **28** *b*, same, took daily, for eight days, 5 grains Sulphur rubbed up with sugar, for four days 10 grains, for five days 20 grains; **28** *c*, same, took daily, for thirty-four days, 30 grains pure Sulphur; **28** *d*, same, took from June 1st to 11th, inclusive, about 11 o'clock, 10 drops of

tincture; 12th to 21st, inclusive, daily, 20 drops; from 22d to 27th, inclusive, 30 drops; from June 28th to July 9th, inclusive, daily, 40 drops; from 10th to 19th, inclusive, daily, 50 drops; from 20th to 29th, inclusive, daily, 70 drops; from July 30th to middle of August, daily, 100 drops; **29**, Dr. Mayerhofer, began proving November 28th, 1845, took last dose February 14th, 1846, 1 grain 1st dec. trit. at 9 A.M. (first day), same at 10 A.M. (twelfth day), same at 9 A.M. and 9 P.M. (thirteenth day), 2 grains at 10 P.M. (fourteenth day), 10 at 10 P.M. (fifteenth day), 2 at 9 A.M. (sixteenth day), 3 at 11 A.M. (seventeenth day), same at 10 A.M. (twenty-third day), same at 9 A.M. (twenty-fourth day), 4 at 11 P.M. (twenty-fifth day), 4 at 8 A.M. and 6 at 10 P.M. (twenty-sixth day), 6 at 10 P.M. (twenty-ninth day), 8 at 9 A.M. and 10 P.M. (thirtieth day), same at 9 A.M. (thirty-first day), 10 at 8 A.M. (thirty-third day), 12 in the evening (thirty-seventh day), same in the morning (fortieth day), 18 in the evening (forty seventh day), 20 morning and evening (fiftieth day); **29** *a*, same, took 2 grains of Sulphur in substance (first day), 4 grains in the evening (second day), 4 in the morning, 6 in the evening (third day), 6 in the evening (fourth day), 8 in the morning (sixth day), 10 in the morning, 12 in the evening (ninth day), 14 in the evening (tenth day), 16 morning and evening (twelfth day); **29** *b*, same, twelve days later, took 4 grains in the morning (first and third days); **30**, Dr. J. O. Muller, made trials of 100th and afterwards of 30th dil. on himself and a woman, without results worthy of notice; he took 2 drops of 6th dil.; the woman was unaffected by the 6th dil.; **31**, a girl, æt. 27 years, took 5 grains 1st dec. trit. in water, at 3 P.M., for two days; **31** *a*, same, three months after last dose, took at night 10 grains 2d trit. in about 1 ounce distilled water; **32**, Dr. N., æt. 27 years, took 3 drops of tincture at 6 A.M. (first day), 5 (second and third days), 10 (fourth, fifth, and ninth days), 5 daily (tenth to seventeenth day), 10 (eighteenth day), 5 daily (twenty-first to thirty-first day), 5 in the morning (thirty-eighth day), 5 daily (forty-third to forty-sixth day, inclusive); **33**, Sigmond Reiss, took 10 grains powdered Sulphur (first and second days), 20 grains, daily, an hour before a breakfast of milk (third to eighteenth day), 20, daily (twenty-fifth to twenty-eighth day, fortieth and forty-first days); **33** *a*, same, took 20 drops 31st dec. dil. without result; eleven days later 2 scruples of same dil. in the evening; **34**, Dr. Reidlinger, æt. 27 years, took a drop of tincture in 1 ounce of water every morning, for twenty-seven days; **34** *a*, same, a month later, took 1 drop of tincture in 3 ounces of water, every morning, for nineteen days; **35**, Dr. Hermann Schlesinger, afflicted with a yellow scaly eruption extending over the arms and body, took daily 5 grains flowers of Sulphur (first to tenth day), 10 (sixteenth to twentieth day), 1 scruple daily (twenty-first, twenty-second, and twenty-third days), ½ drachm (twenty-sixth day), 3 scruples (twenty-seventh day), 1 drachm daily (twenty-eighth, thirtieth, thirty-first, and thirty-second days), 2 drachms (thirty-seventh day); **35** *a*, same, two months after last dose, took 5 drops 403d dil. (first, second, fifth, and seventh days), 10 (eleventh to fifteenth day); **35** *b*, same, a month later, took 5 drops of tincture in a tablespoonful of water, for four days, 10 daily (fifth to eleventh day), 20 in half a tumbler of water (thirteenth to nineteenth day), 40 in half a tumbler of water (twenty-first to twenty-eighth day), 60 in 4 ounces of water (thirty-first to thirty-fifth day); **35** *c*, same, two months later, took 5 grains 6th trit. daily, for four days, and 10 grains for two days, without result, then took 5 grains 3d trit. daily, for sixteen days, with one exception, also on twenty-third day; **36**, Schweikofer, æt. 41 years, took dils. prepared by himself on the centesimal

scale, 10 drops 400th dil. (first day), 50 (fourth day), 100 (ninth day), without result; took 10 drops 200th dil. at 10 A.M. (first day), 50 at 9 A.M. (third day), 100 at 9 A.M. (fourth day); **36** *a*, same, took 10 drops 100th dil. at 9 A.M. (first day), 50 at 9 A.M. (second day), 100 (fourth day); **36** *b*, same, took 10 drops 60th dil. at 9 A.M. (first day), 50 (second day), 100 (third day); **36** *c*, same, took 10 drops of 30th dil. at 9 A.M. (first day), 50 at 9 A.M. (second day), 100 (third day); **36** *d*, same, took repeated doses of 20th, 15th, and 12th dils., without result, then 5 drops 6th dil. (first day), 50 (fourth day), 100 (sixth day); **37**, Adolphus Seydl took daily a dose of flowers of Sulphur, as much as could lie on the point of a knife, for ten days, except on the ninth, a teaspoonful (fifteenth to twenty-sixth day); **37** *a*, same, took daily 10 drops of tincture in half a pint of water at 7.30 A.M., for twelve days; **37** *b*, same, took, for the next three days, a dose of flowers of Sulphur in half a pint of water; **38**, Dr. Sterz took repeated doses of 20th and 10th cent. dils., without effect, then six doses of 300 drops of 15th dil.; **38** *a*, same, took five doses of 300 drops of 6th dil.; **38** *b*, same, took four doses, 150 grains in all, of 3d trit., without effect, then took 50 grains 2d trit. (1–99) (first, second, fourth, and eighth days); **38** *c*, same, took 10 drops of tincture in two tablespoonfuls of water (first day); 15 drops (second day), 20 drops (third day), 25 (fifth day), 30 (seventh day), 35 (eighth day); **38** *d*, same, took 2 grains Sulphur rubbed up with 20 grains of milk sugar, each time freshly prepared (first, second, fourth, sixth, eighth, eleventh, and thirteenth days); **39**, Dr. Wachtel, took 3 ounces of 12th dil. prepared with distilled water; **39** *a*, same, took 3 ounces 404th dil. prepared with distilled water; **39** *b*, same, took 3 ounces 3d dil. prepared with water; **40**, Dr. Wenzl, took one or two drops of 31st dil. every morning and night, for thirty-three days; **41**, Dr. Weinke, took 20 grains 3d trit. (1–10) at 10 A.M. (first day), 90 grains at 10 A.M. (second day); **41** *a*, same, took 30 grains 2d trit. in half a pint of water (first day), 60 grains in a pint of water (second day); **41** *b*, same, took 20 grains of 1st trit. in a pint of water at 9.30 A.M. (first day), 30 at 10 A.M. (third day); **42**, Weinke's sister Helen took five drops tincture at 9, 10, and 11 A.M., 2 and 3 P.M. (first day), 10 at 9, 10, and 11 A.M., 2, 3, 5, and 9.30 P.M. (second day), 12 at 2, 3, 5, and 9.30 P.M. (third day), 20 at 9 and 10 A.M., 2 and 10 P.M. (fifth day), 30 at 9 A.M. and 3 P.M. (sixth day), 40 at 9 A.M., 2.30 P.M. (seventh day), 40 at 9 A.M., 2 and 9 P.M. (eighth day), 45 at 9 A.M., 2 and 10 P.M. (ninth day), 41 drops in afternoon (tenth day); **42** *a*, same, took 30 grains 3d trit. (1–10) in the forenoon (first day), same at 9 A.M. (second day), 40 at 9 A.M. and 9 P.M. (third day), same at 9 A.M. and 11 P.M. (fourth day), same at 9.30 P.M. (fifth day); **43**, Weinke's sister Theresa, took 10 grains 3d trit. in the evening (first day), same in the morning, evening, and before going to bed (second day), same in the morning, 20 grains at night before going to bed (third day), 30 at night (eighth day), same in the morning (ninth day), 40 in the forenoon (tenth day), same at 9 A.M. (twelfth and twenty-first days), 40 after dinner (twenty-second day); **44**, Dr. Wurmb, took 20 grains 1st trit. (5 to 95) at 5 P.M., for eight days; **44** *a*, same, a month later, took 20 grains 1st dec. trit. daily (first to tenth day, inclusive), 50 at 5 P.M. (eleventh and eighteenth days); **44** *b*, same, took a scruple of Sulphur about 5 P.M., every day, from November 18th to 30th, inclusive, 1 drachm from December 3d to 14th; **44** *c*, same, nine days after last symptom, took daily, at 5 P.M., 1 drachm of 800th dil. for five days; **44** *d*, same, took repeated doses of 800th, 400th, 200th, 100th, 50th, 30th, and 21st dils. without effect, then 1 drachm of 12th dil. at 5 P.M. for twelve days;

44 *e*, same, took 1 drachm 3d dil. at 5 P.M. for ten days; **44** *f*, same, took 1 drachm undiluted tincture at 5 P.M. for three days, same (fifth to eleventh day, inclusive), same (thirteenth to nineteenth day, except on fourteenth day, and from twenty-second to thirty-first day, inclusive); **45**, Prof. von Zlatarovich, took, half hour before breakfast, 10 grains 1st trit. (first to seventh day, inclusive, eleventh, thirteenth, fourteenth, sixteenth, and seventeenth days), 20 (nineteenth day); **45** *a*, same, took 5 grains Sulphur in substance in the morning (first and second days), 8 grains (third day), 10 (fourth day), 15 (fifth day), 20 (sixth and seventh days), 25 (eighth and ninth days), 30 (tenth, eleventh, twelfth, thirteenth, and sixteenth days), 40 (eighteenth, nineteenth, and twentieth days), 50 (twenty-second day), 60 (twenty-third to thirty-second day, inclusive), 70 (thirty-third day), 80 (thirty-fourth day), 90 (thirty-fifth, thirty-seventh, and thirty-eighth days), 100 (thirty-ninth to forty-second day, inclusive), 110 (forty-third to forty-sixth day, inclusive), 120 (forty-seventh to fifty-first, fifty-third, fifty-fifth, fifty-seventh, sixty-second, sixty-fourth, sixty-fifth, sixty-seventh, sixty-eighth, seventy-first, seventy-second, seventy-third, seventy-fourth, eightieth, eighty-fifth, ninety-fourth, ninety-seventh, one hundredth day), 200 (one hundred and tenth and one hundred and nineteenth days); **45** *b*, same, took 10 drops of tincture in 1 ounce of water (first and third days), 10 (fourth to eighty-fifth and following days, with the exception of twelfth, nineteenth, twenty-sixth, thirty-third, thirty-seventh, forty-fourth, forty-seventh, fifty-first, fifty-second, fifty-fourth, sixtieth, and sixty-ninth days), same (one hundred and sixty-second and following days), same (one hundred and sixty-seventh and following days), same (one hundred and seventieth and one hundred and seventy-first days), same (one hundred and seventy-third and following days), same (one hundred and ninety-ninth and two hundredth days), same (two hundred and third, two hundred and fourth, and two hundred and sixth and following days), same (two hundred and nineteenth, two hundred and twenty-first and following days); **45** *c*, same, took 10 drops of 1st dil. of tincture for three days;† **46**, Boecker, from Boecker's Beitrag., vol. 2, and Hygea 22, p. 305, a series of experiments on himself and others, with analyses of the blood, urine, etc.; **47**, Voigt, from Wibmer, general effects of small doses; **48**, Hencke, A. H. Z., 55, 14, effects of the dust inhaled when triturating Sulphur in Mure's machine; **49**, omitted; **50**, J. Laurie, M.D., Brit. Journ. of Hom., vol. 3, 1845, p. 13, Mrs. E. S., æt. 36, for neuralgia, took a teaspoonful of 30th in water, occasionally through the night (much relief of neuralgia, afterwards cured by 30th and $\frac{3}{30}$); same effects twice; same symptoms repeatedly observed, after various potencies, in *extremely* susceptible patients; **51**, Brit. Journ. of Hom., vol. 4, 1846, p. 92, case observed in Liverpool Hom. Dispensary, John Kerney, for toothache, smoked three pipefuls in rapid succession, and went to bed; **52**, Dr. Andrien, Month. Hom. Rev., vol. 1, 1857, p. 300, a young man, who had never experienced any chest symptoms, took every morning and evening 2 drops 30th dil., as an antidote to Merc. corr.; **53**, a young man took the tincture several consecutive days; **54**, Tilbury Fox, M.D., Lancet, 1867 (1), p. 455, general effects of Sulphur; (**55** to **66**, from Henry Robinson, Brit. Journ of Hom., vol. 25, 1867, p. 388;) **55**, H. Robinson, symptoms some days after gl. $\frac{3}{1000}$ in a tablespoonful of water, at a single dose; **56**, an old woman took, each morning, a dessertspoonful of glob. $\frac{1}{200}$ in 8 ounces of water; **57**, a middle-aged woman took gl. $\frac{1}{200}$ in 8 ounces of

† Immediately following last proving.

water at a single dose; **58**, a young woman took every morning a tablespoonful of glob. $\frac{3}{200}$ in water; **59**, a young woman took every morning a dessertspoonful of glob. $\frac{1}{200}$ in 8 ounces of water; **60**, a middle-aged man took night and morning a tablespoonful of glob. $\frac{3}{30}$ in 8 ounces of water; **61**, a young woman took glob. $\frac{1}{1000}$ in a tablespoonful of water at a single dose; **62**, a young woman took a single dessertspoonful from gtt. $\frac{3}{200}$ in 2 ounces of water; **63**, a young woman took every morning a tablespoonful of glob. $\frac{3}{1000}$ in 8 ounces of water; **64**, a young woman took night and morning pil. $\frac{1}{30}$; **65**, a young woman took each night pil. $\frac{1}{30}$; **66**, a young woman took every third morning a tablespoonful of gtt. $\frac{1}{200}$ in 8 ounces of water; **67**, J. H. Stebbin, M.D., New York State Trans., vol. 7, 1869, p. 731, fatal poisoning of a child, æt. 2 years, who took nearly a cupful of molasses containing more than a tablespoonful of Sulphur; **68**, Dr. S. Morrison, Month. Hom. Rev., 13, 1869, p. 101, effects on himself of remaining long in a room where Sulphur is burning; **69**, Mrs. H. M., long liable to what she termed bronchitis; once as the attack reached its climax labor came on; after delivery a dessertspoonful of solution was put into hot water, and the steam inhaled; the experiment was repeated several times with like results, whether a dessertspoonful or a few drops were used; **70**, effects on the nurse; **71**, Berridge, North Am. Journ. of Hom., New Ser., 3, 1873, p. 499, Miss ——, took one dose of cm. (Fincke); **72**, Mr. —— (patient), took same; **73**, same, Amer. Journ. of Hom. Mat. Med., vol. 9, 1876, p. 251, Miss ——, took 6 glob. of same; **74**, E. W. Berridge, M.D., took 3 glob. mm. (Boericke); **75**, Mr. —— (patient), took repeated doses of cm. (Fincke); **76**, Samuel Swan, M.D., in a letter to the editor says, Dr. Macfarlan, of Philadelphia, reports results of proving of "10 m.m." on six provers, mentioning only the symptoms that appeared in all; **77**, Dr. Swan, effects of "10 m.m." on a lady, æt. 55 years.

Mind.—Emotional. (Anxiety, feverish delirium, with great dyspnœa, burning in the stomach, vomiting, twitching of the whole body, and death),[5].†—Delirium; she destroys her things, throws them away, thinking that she has a superfluity of everything, wherewith she wastes to a skeleton,[4]. —**The child was intolerably violent and difficult to quiet*,[1].—**Very much excited and very passionate, on violent motion*,[1].—Agitation, with the sore throat,[58]. —An indolent excitement, almost as after coffee,[1].—She talks nonsense day and night,[4].—**Numerous morbid ideas, extremely disagreeable, causing rancor*, though with also joyous thoughts (and melodies), mostly from the past, take possession of her, they throng one upon another so that she cannot free herself from them during the day, *with neglect of business, worse in the evening in bed, when they prevent falling asleep* (after four hours),[1].—She imagines that people injure her, and that she will die in consequence,[1]. —[**10.**] **Vexatious and morbid ideas of the past arise from the most indifferent thoughts, and from every occurrence in life, which continue to be united with new vexations, so that she cannot free herself from them*, together with a courageous mood which is ready for great resolution,[1].—She fancies that she is becoming emaciated,[1].—She fancies that she has beautiful clothes; old rags look like fine things, a coat like a beautiful jacket, a cap like a beautiful hat,[4].—Greatly inclined to philosophical and religious reveries,[1].—The whole forenoon a state of mind partaking more of earnest exaltation than of depression or want of cheerfulness (second day),[30].—The spirits were better than usual, more disposed for literary work than he had lately

† This occurred six months after taking Sulphur.—HUGHES.

been (eighth day); spirits much diminished towards evening by the recurrence of the sacro-lumbar crampy pain (ninth day); spirits diminished in proportion as they were previously increased (tenth day); spirits uncommonly good (thirteenth day),[35b].—Uncommon cheerfulness (fourteenth day),[34].—Cheerful disposition (forty-seventh day); very cheerful (fiftieth day),[45a]—Lively, clear, and good-humored, in the morning on rising, but about 9 o'clock the confusion returns, and is greatly aggravated by earnest thought,[9].—**Very great weeping mood*,[1].—[**20.**] **During the nightly cough the boy fell into long weeping, with great physical restlessness*,[1]. —**Greatly inclined to weep without cause*,[1].—**Moaning and complaining, with wringing of the hands day and night, with much thirst and little appetite, though she swallows her food hastily*,[1].—**Extremely sensitive, and weeping easily on the slightest unpleasantness*,[1].—**Despondent*,[1].—**Despondent, indifferent*,[1].—Desponding, cried several times,[66].—**Greatly depressed, hypochondriac and sighing*, so that he could not speak a loud word (the first weeks),[1].—**Depressed about her illness and out of humor*,[1].—**She does not know what to do with herself on account of internal discouragement*,[1].—[**30.**] **In the afternoon in the open air, without any cause, great depression of spirits* (nineteenth day),[34].—**She had no rest anywhere, day or night*,[4].—***Low spirits** (tenth day),[34].—**Sad, without courage*,[1].—**Sad all day, without cause* (second day),[1].—**Sad, discouraged, weary of life*,[3].—**While walking in the open air she suddenly became sad; she was filled with only sad, anxious despondent thoughts, from which she could not free herself, which made her suspicious, peevish, and lachrymose*,[1].—**During the day, sad, lachrymose; she weeps if one attempts to console her* (third day),[31].—Disposition variable, but on the whole rather inclined to be dull and lachrymose (third to thirty-seventh day),[32].—**In the evening, sudden sadness and disinclination for everything* (seventeenth day),[34a].—[**40.**] **Morose and impetuous*,[1].—**Frequently during the day she has attacks of melancholy, lasting a few minutes, when she feels extremely unhappy, without cause; she wishes to die*,[1].—**In the course of the day, without any cause, very melancholy disposition, discontented with himself and all about him, which made him unfit for any serious occupation, and* **at the same time very irascible.** *On satisfying his appetite his cheerfulness returned, but only for a short time, for during the whole evening he was absorbed in himself and unable to command his thoughts to read, so much so that he sat staring at the same page for upwards of two hours* (twenty-second day),[35b].—**Anxious, fearful* (second day),[1].—**Anxiety, as if he would cease to live*,[1].—**Anxious disposition; I could not free myself from the anticipation of some great misfortune, though I had no ground for such fear, in the evening* (third and fourth days),[44d].—**Anxious disposition* (fourteenth day),[44a]. —***Great anxiety and ill-humor**,[1].—***Anxiety, with heat of the head and cold feet**, *so that he does not know what he shall do; every moment he forgets what he wishes to do*,[1].—**Great anxiety, in the evening in bed*, at the time of the full moon,[1].—[**50.**] ***Awoke with great anxiety and heat all over, at night**, and with a sensation of a cramplike condition of the whole body,[1]. —***Great anxiety, in the evening after lying down, so that she cannot fall asleep for an hour**, *without palpitation*,[1].—Great anxiety, with involuntary discharge of thin fæces (ninth day),[21].—Great anxiety, which, however, diminishes after drinking a few glasses of cold water (third day),[41b].— **Anxiety, as if some great misfortune were apprehended* (thirteenth day),[44a]. —**Apprehensive and lachrymose*,[3].—She is apprehensive for others, and anxious (after a few hours),[1].—During the proving I was much concerned about my state of health, and feared lest I might really get ill,[44d].—The

condition seems very distressing, and she is apprehensive of the future,[1].—Awoke in an hour in great fright and distress; horror of instant death,[51].—[60.] Fear that he would take cold in the open air; he did not know whether it was illusive or physical,[1].—Unusually timid,[1].—* *Violent starting up, even when his name is called,*[1].—***Irritated cross temper** (eighth day),[22b].—***Irritable mood; easily excited, and always absorbed in himself,**[1].—***Excessively irritable disposition, without cause** (ninth day),[28c].—*His spirits, which were as usual in the morning, underwent a change about noon; but it was less sadness than *irritability* which now affected him (twenty-third day),[35b].—***Peevishness** (fourth day),[20].—***Peevish and quarrelsome,**[3].—***Extremely peevish and ill-humored; nothing seems right to her** (after half an hour),[1].—[70.] ***Fretful and irritable; no desire to talk,**[3].—***Fretfulness; the head is gloomy and confused, as in the outbreak of coryza,**[1].—***Unusually fretful and restless** (next morning),[67].—***Ill-humor,**[36b]; (seventeenth day),[22].—* *Bad humor, and great disinclination to speak* (eighth day),[41].—***Ill humored and fault-finding,**[1].—***Ill-humored; she is vexed with herself,**[1].—* *In the morning after getting up very much out of humor* (third day),[31].—***Very ill-humored, fretful, and lachrymose,** *especially in the morning and evening,*[1].—* *During the day she became excessively ill-humored* (fourth day); *all day long, humor very bad* (seventh day),[31a].—[80.] ***Very much out of sorts with everything, in the evening,** *for work, for pleasure, for talking and movement; he is extremely uncomfortable and does not know what is the matter,*[1].—* *Everything made her impatient,*[1].—Impatient before urinating,[1].—***Quarrelsome and vexatious mood about everything,**[1].—***He is vexed at everything, gets angry and out of humor** *at every word,* thinks he must be defended and becomes exasperated,[1].—* *He could tear himself to pieces from vexation,*[1].—***At** 11 A.M. **impatience, anger, vexation, inclination to weep, without cause;** *this state of feeling lasts all the rest of the day* (eighth day); *towards noon, the same feelings of weariness and impatience as the day before* (ninth day),[15].—Embittered mood, as if he had been injured,[1].—Obstinate and lachrymose, with the morning stool,[1].—Can think of nothing to be thankful for; is obstinate and unyielding without knowing why,[1].—[90.] **So obstinate and morose that he answers no one, and will tolerate no one about him; he cannot obtain quickly enough whatever he desires,*[1].—At one time inclined to weep, at another to laugh,[1].—***Intellectual.*** Indolent, irresolute,[1].—* *Indolence of mind and body through the day; disinclination for any work or movement* (after seven days),[1].—He sits for hours immovable and indolent, without definite thought, though he has much to accomplish,[1].—* *Aversion to every business,*[1].—* *The slightest work is irksome to him,*[1].—***She takes pleasure in nothing,**[1].—* *Disinclination to talk,*[9].—He feels a great need of rest of mind, and is in constant motion,[1].—[100.] Thoughts of the business that had been accomplished thronged upon her, in the evening,[1].—* *Uneasiness and haste (during the day), he could not steady himself,*[1].—* *Involuntary haste when taking anything, and when walking,*[1].—Words and sentences that he hears revolve involuntarily in his mind,[1].—She could not connect two thoughts, and seemed weak-minded,[1].—Makes mistakes as to time; she thinks it much earlier than it really is; at the vesper bell (7 P.M.) she contends, with warmth, that it is only 5 o'clock, and she became quite angry on attempting to convince her of her error (third day),[31].—When spoken to he seems absorbed, as if walking in a dream; he seems foolish; is obliged to exert himself to understand and answer correctly,[1].—For some days past he has observed a remarkable distraction, and particularly a very great loss of memory, with respect to well-

known localities (sixteenth day),[33].—**Great distraction of mind; he cannot fix his mind upon present objects, and does his work awkwardly*,[1].—He was not always master of his thoughts and words; at times said things he did not mean,[9].—[**110.**] **Forgetfulness* (second day),[25a].—She forgets the word she is about to speak,[1].—**Very forgetful*,[1].—So forgetful that what has just happened is only indefinitely remembered,[1].—Remarkable forgetfulness, especially for proper names,[1].—**Seems stupid, senseless, confused; avoids conversation*,[1].—In the afternoon, after a glass of wine, a stupefied state (seventeenth day),[22a].—Stupefied feeling; he fell asleep soon (third day),[22c].

Head.—Confusion and Vertigo. ***Confusion of the head*,[9]; (fourteenth day),[16].—**Head confused, as from insufficient sleep*,[1].—[**120.**] **In the morning woke with dizzy confusion of the head*,[1].—**Frequently recurring confusion of the head* (nineteenth day),[17a].—**Painful confusion of the head*,[17b].—**Confusion of the head, after sleeping*, lasting all the afternoon; on walking in the open air the confusion diminished (fifth day); about 5 P.M. great confusion of the head, worse when walking in the open air; relieved after outbreak of perspiration (ninth day),[21].—**After dinner, confusion of the head, which went off by walking in the open air* (ninth day); *on awaking in the morning, great confusion of head, going off after getting up* (tenth day); slight confusion of the head, and some vertigo (fifteenth day); confusion of head, lasting more or less all day long (twenty-third day); confusion of head (forty-second and forty-third day),[22a].—Confusion of head, probably the effect of alcohol (immediately, eighth day),[22b].—In the afternoon, confusion of head, with rushing out at the left ear, and dull drawing pain on the left side of the forehead, which soon alternated with a penetrating cramplike pain in the left knee-joint, or the left wrist, or with shooting pain (like fine needle-pricks) in the root of the nail of the right great toe at the same time, whilst walking, frequent cramp pain in the left calf (sixth day); confusion of the head, with dull aching pain in the forehead (after one hour, seventh day),[25a].—About 2 P.M., dizzy confusion of the head, heat and redness of the face, with sensible throbbing of all the arteries of the head and neck, followed by breaking out of perspiration in the face (lasting more than a quarter of an hour), (first day),[25b].—***Confusion of the head, in the forenoon*** (first day),[25e].—.***Long-continued giddy confusion of the whole head*** (after two hours),[25f].—[**130.**] **About* 11 A.M., *giddy confusion of the head, with dimness of vision* (first day); about 7 P.M., in the open air, very troublesome confusion of the head (second day),[25g].—***Great confusion of the head*** (second day),[26].—Confusion of the head, and aching in the forehead (soon); confusion in the sinciput (thirteenth and following days); **confusion and aching in the sinciput, as if a band were tied tightly around the forehead** (twenty-third day); confusion in the forehead and temples (soon, twenty-fifth day); *awoke with confusion and weight of the head* (twenty-sixth day); in the evening, confusion of the sinciput, when lying (twenty-sixth day); confusion of the sinciput (in one hour, thirtieth day); *in the morning, confusion of the head* (thirty-second day); *in the forenoon, confusion of the sinciput* (thirty-third day); sinciput confused (thirty-fourth day); *in the morning he awoke unusually early, with confused head* (thirty-eighth day); confusion in the sinciput (soon, forty-seventh day); confusion of the head (forty-eighth day,[29].—In the morning, after awaking, vacant confused sinciput (second day); in the morning, on awaking, vacant confusion of the head (third day); in the morning, after waking, vacant confusion of the sinciput (tenth day); in the forenoon,

confusion and aching in the sinciput (twelfth day),[29a].—***Confusion of the head** (first, second, and third days),[29b].—***In the evening, confusion of the head** (eighteenth day),[32].—* *Confusion of the head* (second day); *in the evening, some confusion of the head* (fourth day),[33].—In the morning, on awaking, confusion of the head, which went off after discharge of flatus and going into the open air (fourth day),[33a].—***In the evening, confusion of the head, and pressing in the forehead** (eighth day),[34a].—Slight confusion of the head, which was probably owing to the spirits of wine (twelfth and thirteenth days)[35a].—[**140.**] Confusion of the forehead, as if intoxicated (in half an hour); confusion more on left side (second day),[35b].—Confusion of the head, amounting to stupefaction, in the afternoon about 4 or 5 o'clock, when walking in the open air (third day),[41b].—* *Confusion in the head, in the morning immediately after getting up* (fifth day); *about* 5 P.M., *slight confusion of the head for half an hour* (seventh day),[44].—Confusion of the head, in the morning immediately after getting up, lasting till noon (eleventh day),[44a].—Confusion of the head, which, however, did not last long (immediately); confusion of the head, which lasted a couple of hours (immediately after dose, second day),[44c].—Head confused during the whole afternoon (tenth day); slight confusion of the head about 5 P.M. (eleventh day); confusion of the head, lasting about an hour, in the afternoon, immediately after swallowing the medicine (fifteenth day),[44f].—Slight confusion of the head (forty-ninth day); confusion of the head, in the evening (seventy-seventh day); slight confusion of the head (eighty-first day); towards evening, slight confusion of the head, like commencing vertigo (eighty-third day); the head confused, its left side especially painful (one hundred and second day),[45a].—Confusion of the head, at noon (one hundred and fourth day); all day long, confusion of the head, in the vertex (one hundred and forty-second day); confusion of the head, and aching in the vertex (two hundred and nineteenth day); great confusion of the head, in the afternoon (two hundred and twentieth day); confusion of the head (two hundred and seventieth day),[45b].—Confused feel in the head, with sense of languor,[55].—* *Vertigo* (eighty-first day),[42a].—Severe vertigo, at 9 A.M. (sixth day),[42a].—* *Vertigo, in the morning, with some nosebleed*,[1].—Excessive vertigo, in the morning on rising; as soon as he attempts to stand he falls back upon the bed, only disappearing after half an hour (tenth day),[1].—Vertigo and weakness, even to falling, in the morning on rising,[1].—* *Vertigo, in the forenoon* (first day),[23a]; (thirty-second day),[45b].—Whirling vertigo, in the evening after lying in bed a quarter of an hour, as if he would fall into a faint, everything whirled around in the head, two evenings in succession,[1].—Vertigo, in the evening while standing, with rush of blood to the heart,[1].—In the evening, vertigo; feeling as if all the blood rushed to the head (fifth day)[42a].—[**150.**] Vertigo, on waking at night,[1].—During the day, frequent sudden vertigo, especially when walking near a declivity. The accustomed beer at night makes the vertigo worse (thirteenth day),[52a].—* *Vertigo when walking over running water, even to falling down*, and all parts seem paralyzed,[1].—Attacks of vertigo while walking, with apprehension on looking in front of her, wherewith there was immediately a crawling ("kriebelig") before the eyes,[1].—While walking, vertigo like an obscuration before the eyes, a reeling to the left side, lasting a few minutes,[1].—* *Vertigo, like reeling, while walking*,[1].—* *Vertigo for eight minutes, while walking in the open air on an elevation; he could not step firmly, with obscuration of his senses* (after four days),[1].—***Vertigo while walking in the open air** (after supper); **she did not dare to stoop, nor to look down**;

was obliged to steady herself to avoid falling,[1].—Vertigo, when lying on the back, at night,[1].—Vertigo, while sitting; reeling while standing,[1].—[**160.**] At noon, when sitting, some vertigo (twenty-sixth day),[45b].—Vertigo, lasting some minutes, followed immediately by slight shooting in the anus (fourteenth day),[45b].—* *Vertigo, to falling forward, on suddenly rising from a seat,*[1].—***Vertigo on stooping,**[1].—On rising from stooping position, vertigo and weight in the head (ninth day),[21].—Vertigo, with qualmishness,[1]; (fifteenth day),[34a].—Vertigo, with qualmishness to falling sideways, while walking in the open air,[1].—Vertigo and nausea, so that everything turned about with her, at night during perspiration, lasting till morning,[1].—A kind of occipital vertigo,[55].—Want of steadiness and dizzy feeling accompanied anxious state (fourth day),[30].—[**170.**] A transient slight attack of vertigo (after fifteen minutes),[18].—Transient vertigo to falling sideways,[1].—Vertigo, worse soon after taking medicine (probably the effect of the alcohol), but lasting in a slight degree all day (second day); slight vertigo (immediately, ninth day),[22b].—Vertigo, as if from intoxication (soon, second day),[22c].—Dizziness, like a tingling and buzzing out at the forehead, if she walks rapidly, or moves the head suddenly,[1].—Dizziness in the head, in the afternoon (soon, sixth day); dizziness, in the morning, soon after getting up, that lasted till 5 P.M. (seventh day),[44a].—A dizzy condition of the head prevented sharp and clear thought,[9].—Dizziness, with sticking in the head,[1].—* *Dizziness, unsteadiness of the head and body, in the morning, lasting three hours, as if one stood upon wavering ground* (third day),[1].—Waving and confusion in the head returns, in the evening,[9].—[**180.**] Reeling, stupefaction, and great weakness, at 11 A.M.; she was obliged to lie down and lay till 3 o'clock, in an uneasy slumber in which she heard everything,[1].—* *Reeling in the head,*[1].—Sense of giddiness,[66].—***General Head.*** While walking across the street paroxysms suddenly attacked her head; it became black before her eyes; she walked as many as fifteen steps backward; sat down suddenly, as if falling upon a stone, seeming to be senseless, and was carried to the house unconscious, followed by stiffness of all the joints,[1].—The child hung the head sideways after waking, and after raising it, it fell to the other side, the face and lips were pale, the eyes staring for as many as two minutes, then it sneezed, the mouth and the eyes were closed tightly for a moment, and mucus ran from the mouth, followed by quiet sleep (after three days),[1].—In bed every place appears too hard for his head, which, on account of this disagreeable feeling, he must keep moving hither and thither, without succeeding in finding a better position (twenty-ninth day),[18a].—* *Dulness of the head, in the evening,*[1].—* *Dulness of the head, on waking at night,*[1].—***Dulness of the head, in the morning,** *and pressure in the forehead till noon,*[1].—***Dulness of the head, after walking in the open air,**[1].—[**190.**] ***Great dulness and confusion,**[1].—***Dulness of the head, as from rush of blood,** *especially on ascending steps,*[1].—***In the evening, dull pain in the whole head, which lasted till late at night** (fifth day),[24].—Weakness and dulness of the head during dinner, lasting till evening,[1].—Dull aching pain over the whole head, lasting nearly three hours, and then gradually going off (after half an hour, ninth day); less troublesome (tenth day),[22a].—* *Heaviness in the head* (fifteenth and seventeenth days),[34a].—* *Heaviness of the head,* so that every motion was disagreeable,[1].—* *Sensation of heaviness in the head,* and dulness, as if he would fall forward, relieved while walking, but then a fine sticking in the head,[3].—* *Heaviness of the head while sitting, lying, moving, and stooping,*[1].—* *Head heavy and dizzy* (twenty-fourth day),[43].—[**200.**] * *Heaviness and confusion of the whole head*

(in two hours),[25].—***Sensation of fulness and heaviness in the head,**[1].—***Feeling of fulness in the head, as if filled with blood,**[1].—**Fulness and heat in the head, in the afternoon* (third day),[41b].—**Head seemed distended*, with loud noises in the ears (after one hour),[51].—Rush of blood to the head (twenty-first day),[40].—***Rush of blood to the head during the menses,**[1].—**Rush of blood to the head during a soft stool,*[1].—**Rush of blood to the head, like a slight pressure over the head,*[1].—Rush of blood to the head, even during a soft stool, and after riding in a wagon,[1].—[**210.**] **In two hours, when in bed, he had a violent rush of blood to the head, and felt all the arteries in his head beating* (first day),[25].—***At night, in bed, rush of blood to the head, with heat and confusion of it** (first day),[25b].—On taking gentle exercise, transient rush of blood to the head, with burning and creeping in the skin of the face (first day),[39b].—***Rush of blood to the head**; *a pressure in it and out at the eyes;* a feeling of numbness before the ears,[1].—**Headache* (ninth day),[15a]; (second day),[34], etc.—The head pained, as if raw, and would not bear the slightest touch (second day),[43].—Aching in the head, in the forenoon (twenty-second day),[43].—**Headache, as from a weight pressing upon the top of the brain*, **and as from a cord around the head,**[1].—Headache and weariness, while walking in the afternoon, changing in the evening to toothache and sleepiness (after eighth day),[1].—Headache, with pressure in the eyes, after eating,[1].—[**220.**] In the evening, headache, with several momentary attacks of oppression (ninth day),[15].—A peculiar headache, not easy to describe, accompanied by vertigo, and compelling her to keep quiet, and at its worst to sit still; *she felt relief by shutting her eyes* (fourth day); again affected by above described headache and vertigo. To-day she was obliged to remain constantly seated in order to keep off the attacks; they were rather less in the open air. In the afternoon this vertigo became extremely severe; it followed upon nausea, inclination to vomit, twisting and turning in the stomach, yawning, excessive prostration, almost amounting to trembling of the limbs, and occasional noise in the head and ears. (The vertigo had this pecularity, it increased in violence on stooping or moving about, but was alleviated by sitting still), (eighth day),[31a].—Headache, as from incarceration of flatus,[1].—**Headache, with nausea,*[1].—**Much headache, especially on stooping,*[1].—**Headache only on ascending steps,*[1].—Pain and tingling all through the head,[56].—**Pain, as if the brain were beating against the skull, always on nodding the head,*[1].—Pain in the whole head on external pressure; for example, by a tight hat,[1].—***Every step is painfully felt in the head,***[1].—[**230.**] Headache worse in the open air, better in the house,[3].—Headache so that the eyes seem to close,[1].—Pain in the head and abdomen, on coughing,[1].—Headache, as if beaten and torn, on coughing,[1].—Aching and heat in the head, about noon (twenty-first day),[43].—Headache, especially in the forenoon, as if the head were drawn forward and downward,[1].—Towards evening, headache, and shooting in the throat (first day),[26].—Nightly headache; an intolerable, constantly increasing pressure in the lower portion of the occiput and in the vertex, with pressure on the eyes, which he must close, and with chilliness, not relieved by any covering, with profuse offensive perspiration, during which he must walk up and down the room (after five days),[1].—Headache, at night, as if the skull would be torn open,[1].—Constant headache,[66].—[**240.**] Violent headache on getting up; weight on the forehead; this pain is aggravated in the open air and when walking; a little later it becomes seated in the forehead and is pulsative (twelfth day),[15].—Intense headache, with sensation that his head and ears were stuffed,[51].—***Violent**

headache at night, which disturbed sleep; she had rest in no position,[3].—Violent headache (seventeenth and following days),[27].—In the evening violent pain, as if the head were screwed together from without, with flying heat in the face (twenty-eighth day),[33].—Violent pain in the middle of the head, caused by coughing and sneezing,[1].—Head stupefied (eighty-third day),[45a].—Violent stupefying headache and shooting in the left side of the chest, lasting more than a quarter of an hour (thirty-second day); during the day, dull headache (thirty-seventh day); in the afternoon, stupefying headache (thirty-eighth day),[33].—Disturbance in the head, so that she thought she had lost her reason,[8].†—A kind of stupid weakness in the head while walking in the open air, with gloomy disagreeable ideas, for several minutes; at one time more, at another less,[1].—[250.] ***Pressure in the head, in the morning, immediately after rising,[1].**—Pressure in the head every other morning at 8 or 9 o'clock, and so alternately till going to sleep,[1].—***Pressure in the head from one temple to the other, in the morning after rising,[1].**—At 11 A.M. slight pressive headache; the whole head is affected; this pain ceases in an hour; it returns in the evening over the right eye only (seventh day),[15].—Pressive headache, at 10 A.M.; towards 5 P.M. it increases; it feels as if the base of the brain were tightly compressed by a band (eighth day),[15].—Pressive headache in the house, with tightness of the scalp, relieved by uncovering the head,[1].—Pressive headache; every step is painfully felt in the forehead, with perspiration on the forehead,[1].—***Pressive headache (even in the morning after rising), mostly on the vertex, as if the eyes would be pressed down,[3].**—Pressive pain all over the head, especially on the occiput, aggravated by external pressure (fifth day),[22b].—Pressive headache, at 10 A.M. (fifteenth day),[43].—[260.] Slight compression of the head, in the morning (tenth day),[44a].—***Jerking headache,[1].**—***Tensive pain in the head,[1].**—***Tearing as with a saw in the head,[1].**—Tearing in the head outward at the ear,[1].—Tearing in the head more in the afternoon than in the forenoon, with weakness and thirstless heat; is obliged to lay the head upon a table to get relief,[1].—Sticklike tearing in long irregular intervals, at one time through various parts of the head, at another, pain through the bones of the cheeks, in the region of the lower jaw, and other parts of the face,[1].—Painful thrust in the head when coughing,[1].—**Stitch in the head*,[1].—***Stitches in the head and out at the eyes,[1].**—[270.] Sticking headache at various times, at times continuing at night with tearing in the lower jaw, or followed by bruised pain in the side of the head, mostly for a short time, relieved by compression of the head, at times obliging to lie down,[3].—***Hammering headache on vivacious talking,[1].**—** Very painful hammering in the head,[1].—**Some blows through the whole head,[1].—**Beating of the brain against the skull on moving the head, with pressive pain,[1].—** Throbbing in the head, in the morning,[1].*—About 2 A.M., violent throbbing of all the arteries of the head (third day),[25g].—Empty feeling in the head, in the morning (forty-eighth day),[29].—A kind of creeping feeling occasionally felt in the head, especially on the parietal and occipital regions (one hundred and eleventh day),[45b].—A cold spot constantly on the top of the head,[1].—[280.] In the evening, severe cold in the head with headache (twentieth and twenty-first days),[34].—Sensation of fog in his head and dizziness, which makes him sad; ideas indefinite, with irresolution,[1].—***Forehead.*** Slight headache at the left side of the forehead, just above the eyebrow (soon); at noon, troublesome

† Revised by Hughes.

aching on the left side of the forehead (third day),[18].—A sudden, not violent, pain in the left side of the forehead (soon); in the morning, aching in the forehead, first on the left side and then on the right, extending to the mastoid process (second and third days),[18a].—During the day, aching in the forehead (eighth day),[18b].—Transient aching in right side of forehead (soon),[18d].—**In the morning, aching pain in the forehead* (fourteenth day); *slight aching in the forehead* (twenty-fourth and following days),[22].—***Aching pain in the forehead and confusion of head,** *as if he had taken too much alcoholic drink, lasting until noon* (after one hour, second and third days); *aching pain in forehead, above eyebrows* (soon, eighth day); *at* 6 A.M., *after waking, aching pain in forehead, going off after getting up and washing* (ninth day); *on waking, in the morning, pressive pain in the forehead and occiput* (eighteenth day); *pressive headache over the eyebrows, almost all day, more or less severe and continued* (twentieth day); *aching pain in forehead, especially above the right eye, lasting till noon* (soon, forty-first day),[22a].—***Aching pain in the forehead** (immediately, ninth day); in the morning the usual headache (tenth day),[22b].—**In the morning slight frontal headache* (fourth day); **in the morning aching in the forehead** (fifth day),[22c].—[**290.**] Aching pain in forehead and occiput, especially when stooping, about noon (second day),[43].—Aching pains in the left frontal region, in the evening (sixteenth day),[43].—**Along with the febrile heat there occurred* **a disagreeable aching pain in the forehead, and great restlessness,** *which went off when sweat broke out* (thirty-eighth day),[32].—After dinner, aching in forehead and stomach (third day),[20].—**Headache over the eyes, every morning, as from stopped coryza;* was constantly obliged to sneeze,[1].—Headache above the eyes and nausea after eating, followed by heaviness of the head,[1].—**Headache as from a board in front of the head,*[1].—Aching pains in the left frontal region on going upstairs (seventh day),[46a].—In the morning, on waking, headache, having its seat above the forehead in the hairy scalp, where it occupied a space the size of the palm of the hand; it was of an aching pressive character, went off when he rose up, but did not go off till far on in the forenoon (sixty-first day),[46a].—In the morning, after awaking, pain in the left side of the forehead, which lasted till noon (eleventh day); pain in the left frontal region, in the morning (two hundred and twenty-ninth day); in the night, awakened by a rather severe but transient pain in the left frontal region (two hundred and forty-first day); woke, in the morning, with violent pains in the left frontal region, which lasted till he got up (two hundred and fifty-eighth day),[46b].—[**300.**] In the evening, contractive pain in the forehead and temples (twenty-sixth day); dull aching in the forehead (in a quarter of an hour, thirty-seventh day); contraction and pressing in the forehead (forty-seventh day); aching in the forehead (forty-eighth day); in one hour, in the frontal bone a painful aching, which extended across the nasal bones and both malar bones (fiftieth and fifty-first days),[29].—In the evening aching in the forehead (soon, third day); dull aching and boring in the frontal bone, in the night after awaking (third day); in the morning, after awaking, painful aching in the frontal bone, and boring pains in the right supraorbital ridge (fourth and fifth days); towards evening, severe aching in the frontal bones; in the evening, aching in the frontal bones and pit of the stomach (ninth day); in the morning, on awaking, very troublesome feeling of out pressing, bursting, and boring in the frontal and cheek bones; after midnight, a great amount of the pains in the frontal and malar bones (tenth day),[29a].—***Aching in the frontal bone** (first, second, and third days),[29b].—Dull draw-

ing-throbbing pain deep in the right side of the forehead, which was at times more violent, and again less so; it lasted half an hour (in two hours); a slight threatening of headache on the left side of the forehead (after four hours, fourth day); sudden, oft-recurring, dull drawing pain in the left side of the forehead, which (in the house and out of the house) alternated with a similar pain, now in the right side of the forehead and now in the right parietal region (after four hours, fifth day); sudden, oft-recurring, dull drawing deep in the left side of the forehead (soon, ninth day),[25].—About 5 P.M., dull digging pain in the left side of the forehead, with confusion of the whole head (second day); towards noon, dull drawing frontal headache, which, after a few minutes, alternated with a similar pain in the right wrist (fourth day); in the afternoon, frequent alternation of frontal headache with the pain in the joints, described the day previous (seventh day),[25a].—After 11 A.M., frequent attacks of a dull headache, deep in the left side of the forehead when at rest and when moving, which sometimes increased to a drawing-throbbing pain (first day),[25b].—In half an hour (when at rest), dull drawing headache in the left side of the forehead, with a similar pain, now in the left knee-joint, now in the left outer malleolus, now in left wrist (second day),[25c].—In the afternoon (when driving in his carriage), headache in the whole of the left side of the cerebrum (third day),[25e].—Dull aching headache, at one time deep in the forehead, then in the occiput, but always alternating with gouty pains piercing through the joints of the extremities (first day),[25f].—At night, in bed, there occurred deep in the right side of the forehead, in a circumscribed spot the size of a crown piece, a slight digging-shooting pain, which lasted a few minutes (first day),[25g].—In the forenoon, frequent alternation of headache (at one time in the forehead, at another in the occiput), and the previous (gouty) pains in the joints, but only when at rest (fifth day),[25g].—[**310.**] Drawing through the forehead and temples very acute, as though a worm were crawling through it (first day),[1].—On waking from sleep before midnight, pressure in the left frontal protuberance (ninth day),[21].—**Painful pressure above the eyebrows*,[1].—Pressure in the forepart of the head, as after night-watching, which after a few days changed to a glowing tearing in the right side of the head and teeth, aggravated by cold water,[1].—***Violent pressure in the forehead**,[1].—**Pressive pain in the forehead, mostly in the forenoon*,[1].—**Pressure in the forehead, mostly in the afternoon, during the menses*,[1].—Pressing pain in forehead (fifteenth day),[34a].—Sudden pressing headache about the right supraorbital arch, in the forenoon (eighth day),[45a].—Pressive headache above the left eye, in the afternoon,[1].—[**320.**] ***Pressive headache in the forehead, more violent on motion**,[1].—***Pressive pain in frontal region** (tenth day),[24].—**Pressive headache, especially in the forehead, going off in the course of the day* (fourth day),[24].—**Headache pressing out at the forehead*,[2].—**Tension in the forehead*,[1].—**Headache, as if screwed together, in and over the forehead*,[1].—Digging in the forehead, at night,[1].—Dreadful gnawing frontal pains,[65].—In the afternoon, tearing and aching pain in the frontal region, which sometimes extended into the temporal region, and lasted an hour (first day),[39b].—**Tearing in the forehead*,[1].—[**330.**] About 3 P.M., on waking, violent pain in the forehead, which was alleviated in the evening after sneezing several times (fifth day); about 3 P.M., recurrence of the pain in the forehead (sixth day); at 8 P.M., pressive frontal headache, with flying shoots in the left orbit (seventh day); *about* 4 P.M., *violent aching pains in the frontal region, which he ascribed to the constipation that had already lasted three days, whereupon he took a cold-water enema; this produced an evacua-*

tion, but had no effect on the headache (eighth day); *about* 7 P.M., *aching pain in the forehead* (ninth day); in the afternoon, flying shoots in the left supraorbital ridge for five minutes (fifteenth day); at night, before falling asleep, sudden shooting pains in the right half of the forehead, with glowing hot cheeks and ears (twenty-first, twenty-second, twenty-sixth, twenty-ninth, and fortieth days); at night, before falling asleep, for a quarter of an hour, shooting pain in the left side of the forehead, stretching to the occiput, and relieved by external pressure (twenty-fifth day); headache much milder (twenty-sixth day),[33].—Stitches in and above the forehead,[1].—Sticking pain in the forehead, though only on walking,[1].—Stitches in the forehead as if in the bone,[1].—Stitches from within outward at the forehead, so that he must hold it with the hand, on coughing,[1].—Stitches in the forehead, in the evening, which afterwards constantly became more violent,[1].—Stitches from within outward in the forehead on loud talking and coughing, so that she was obliged to hold the forehead with the hand, for several days, mostly in the evening,[1].—Stitches from within outward in the forehead every day, from 11 A.M. till evening,[1].—Stitches from within outward in the forehead on every step, all day; also on loud talking and coughing he is obliged to wrinkle the forehead,[1].—Heaviness and confusion of the sinciput (after twenty minutes, twelfth day); heaviness, confusion, and dulness of the sinciput, morning, noon, and evening (twenty-seventh day); frequent awaking, with feeling of weight and dulness in the sinciput (thirtieth night); dulness and confusion of the sinciput (in one hour, fiftieth and fifty-first days),[29].—[**340.**] In the evening, dulness and confusion of the sinciput (soon, third day); in the morning, after awaking, vacancy and confusion of the sinciput (fourth and fifth days); in the evening, vacancy of the sinciput (ninth day),[29a].—***Temples.*** Aching in both temples after dinner (ninety-fifth day); at noon, aching in both temples (one hundred and fifth day); slight drawing in the temples and occiput (one hundred and second day); slight aching in both temples, in the forenoon (one hundred and forty-third day); tenderness of the head on both temples (two hundred and forty-fifth day); severe aching pain in both temples, after reading, in the evening (two hundred and fifty-fourth day),[45b].—Aching-boring pains in the temples and ears (seventeenth day),[29].—Periodically recurring, but not very severe pains in the temples, followed by acute drawing pains in the temples,[17a].—**Pressure in the temples and tension in the brain, on reflecting and on mental work*,[1].—Cramplike drawing below the right mastoid process (fifth day),[75a].—During the day, frequent cramplike tensive pain in the muscles of both mastoid processes (second day),[25d].—About 10 A.M., a pretty violent drawing in the left temple, which only lasted a short time (second day),[25f].—In the afternoon, in addition to a frequent alternation of the already-described pains in the head and joints, there occurred a violent cramplike tensive pain close to the right mastoid process (when at rest), which seemed to pierce into the deepest parts of the bone; it lasted for a few seconds, and then made way for a shooting pain in the right temple (second day),[25f].—Cramplike penetrating pain in the right mastoid process, in the morning (fourth day),[25f].—[**350.**] In the afternoon, while walking, itching tearing in the left temporal bone, which came on by fits some five or six times, and was so violent that it made him stand still (first day),[39].—In the evening, tiresome drawing and tearing (as during the first proving) in the left temporal region (second day),[39a].—A couple of jerks in the right temple near the ear (fifty-fifth day),[45a].—**Pinching together in the brain from one temple to the other, frequently, for a minute*,[1].—

Constrictive pain in the temples, several mornings,[1].—Tearing and pressure in the left temple and eye,[1].—Shooting pain in the right temple (second day),[25f].—**Shooting pain in the temples, close to the eyes, on moving them or on looking at anything* (third day),[31].—Flying shoots in the left temple, in the afternoon (twenty-eighth day),[40].—**Sticking headache in the temples*,[1].—[**360.**] Throbbing pains in both temples after walking, especially after going upstairs (fifth day),[44].—Throbbing in the head (temples), on the neck, and about the heart; everything in it throbbed and trembled,[1].—From 10 A.M. to 6 P.M., throbbing pain in the left temporal region, which was aggravated by walking, and at 6 P.M. suddenly went away (fourth day),[44c].—Painful turning and crawling in the temples,[1].—***Vertex.*** **Sensation of heaviness in the crown*,[1].—**Feeling as of some heavy weight on vertex*,[66].—***Headache in the vertex as from pressure on the top of the brain** (ninth day),[1].—Aching on the right side of the vertex, with rigor (first day),[18].—Pain superiorly on the vertex on chewing, coughing, and blowing the nose,[1].—Pain in the vertex, like a tingling, and pain beneath the right ribs from the (short) cough,[1].—[**370.**] **Violent pain in the vertex, in the evening, as if the hair would be torn out; it bristles on the most painful spots*,[1].—Violent feverish headache in the crown, occurring several mornings and lasting several hours,[1].—**Boring headache on the top beneath the vertex;* **the spot is also painful to touch externally*,[1].—At 8 A.M., pressive pain on both sides of the sagittal suture (sixth day),[25].—**Pressure externally on the vertex, extending to the forehead*,[1].—**From time to time, painful pressing inward from the vertex superiorly deep into the brain, especially late in the evening and at night in bed; the pain compels wrinkling the forehead and drawing the eyes together*,[1].—Aching in the vertex, increased in the open air, where it became very teasing, towards noon; after dinner, increased to the feeling as if a heavy weight lay on it; this pain lasted all day in a minor degree, and did not go off till evening (eighteenth day),[45].—**Violent pressure on the vertex, in the evening* (eighth day); about 1 A.M., a very severe headache came on, occupying a portion of the vertex about the size of the palm; it was superficial, and seemed to be seated in the bone; the pain was of a drawing-burning character, was increased by touch, and lasted an hour (twenty-eighth day); quite severe aching-tearing pain in the vertex, which went off at noon, but returned very severely in the afternoon in the open air; the whole vertex burnt as if raw (seventy-first day); aching pain in the vertex (seventy-eighth day); in the morning, he awoke with a violent aching-pressing pain on the vertex, which occupied a space about the size of the palm, and only went off some hours after getting up (ninety-second day); slight aching in the vertex, about noon (ninety-fourth day); *on awaking, severe burning on the vertex, which went off after getting up, and was succeeded by a cool feeling in the same place* (ninety-ninth day),[45a].—Aching in the vertex and slight drawing in the occiput, after dinner; the headache went off in the open air, but on coming into the room again, the aching in the vertex reappeared, but went off after sitting for awhile (first day); *he awoke, in the morning, with great aching in the vertex, which lasted some time after getting up* (twenty-fifth day); in the evening, quite severe aching pain in the vertex (thirty-eighth day); in the evening, quite smart aching in the vertex (fortieth day); in the morning, on waking, headache, chiefly externally, on the vertex, which lasts for some time after getting up (fifty-seventh day); *great aching and burning in the vertex, at noon* (sixty-seventh day); *in the morning, on awaking, great aching in the vertex, which continues for some time after getting up* (ninety-eighth day); slight aching

in the vertex (one hundred and twelfth day); *pressive pain on the vertex, in the morning* (one hundred and fortieth day); some painful spots on the vertex, in the afternoon (one hundred and twenty-sixth day); in the morning, quite severe aching in the vertex, which only went off after getting up (one hundred and twenty-third day); *aching pain in the vertex, in the evening* (two hundred and sixteenth day); *aching in the vertex* (two hundred and twentieth day); *woke in the morning with violent aching-throbbing pains in the crown; the pains gradually went off after getting up* (two hundred and sixty-ninth day); in the morning, on awaking, violent aching pain in the vertex; the pain was relieved by getting up, but not quite removed (two hundred and seventy-fourth day),[45b].—**Tenderness of the head at the crown* (fourth day),[45e].—[**380.**] Some stitches in the crown of the head,[1].—Tingling superiorly in the vertex,[1].—***The vertex is very sensitive when touched**, and when not,[3].—**A spot on the vertex is painful to touch*,[1].—***Parietals.*** Stitches in the parietal and occipital bones when coughing,[1].—A constant, mostly one-sided headache, as if the brain were torn or sore, on opening the eyes after waking from the midday nap (after thirty-six hours),[1].—In two hours, dull aching in the whole right half of the brain (first day),[25f].—One-sided, sharp, pressive headache beneath the left parietal bone immediately after supper,[1].—Painful thrusts in the right side of the head, in the evening while sitting,[3].—Tearing in the head, mostly in the sides and forehead, at times with drawing and sticking and ulcerating pain, and especially relieved or removed by moving the head, by pressing upon it, and by free air,[3].—[**390.**] Headache externally on the left side, painful to touch, as if suppurating,[1].—Screwing-together pain in the left side of the head,[3].—***Occiput.*** In the morning, weight and hot feeling in the occiput (fourth and fifth days),[22b].—In the morning, after getting up, aching and heavy feeling in the occiput, extending into the nape; headache went off in the course of the day (forty-seventh day),[45b].—Sudden aching tension in the left side of the occiput (eighth day),[25].—A short tensive aching in the left side of the occiput (eighth day),[25].—About 2 A.M., he awoke with aching pain in the occiput (third day),[3g].—Headache in the occiput from noon on, a stupefying tingling in it on stepping; she was obliged to sit very quietly for four hours,[1].—A small spot in the lower part of the head, by the nape of the neck, hurts at times, and especially after scratching a sore burning,[1].—**Pain in the left side of the occiput, as from congestion of blood, after waking from sleep*,[1].—[**400.**] In the evening, violent pains in the occiput (fourth and fifth days),[36d].—During the forenoon, aching and drawing pains in the occiput (twenty-eighth day),[40].—After lying down, fine drawing shooting in the left side of the occiput (twelfth day),[26c].—Drawing-aching pains in the occiput to the nape, in the forenoon (one hundred and fifty-eighth day),[45b].—Slight drawing in the occiput and nape (one hundred and eleventh day),[45b].—Slight drawing in the occiput (one hundred and ninety-fifth day),[45b].—Drawing pain in the occiput, so violent, while chewing, that he was obliged to stop eating,[3].—**At night, pressive pain in occiput* (forty-fourth day),[22a].—Burning and sticking in the right side of the occiput,[3].—Burning-aching pain in occiput, which feels as if its seat were beneath the bone; it lasted till the afternoon, and then gradually went off (after one hour, eighth day),[22a].—[**410.**] **Pulsating in the left side of the occiput, that at last changes to a jerking*,[1].—Woke at an unusual hour, namely, at 5 A.M., with aching-throbbing headache in the right half of the occiput, and pain in the left side of the small of the back; the former went off in half an hour, the latter after getting up in bed (second day),[25].—Aching-throbbing

headache in the right half of the occiput (second day),[25].—***External Head, Objective.*** Movements of the scalp from the nape of the neck over the vertex to the forehead,[1].—***Falling out of the hair,**[1]; (twelfth day),[34].—***Hair came out much, in the morning, on combing it,**[44d].—***Profuse falling of the hair,**[1].—(Diminution of the falling off of the hair), (twenty-third day),[45b].—**The hair falls out a great deal; a bald place is formed* (two hundred and forty-ninth day),[45b].—Scalp for a long time thickly covered with scabs,[39a].†—[**420.**] For many years he had been subject to great scaliness of the head, so that a large quantity of scales came off when he combed or brushed his hair, and his coat collar was always covered with them; for a few days he has not noticed any of these scales, so that he thinks the Sulphur must have acted curatively (fifty-first day); no scales when he combs his head, though he used to have a good many (seventy-fourth day),[45a].—The skin of the head is again covered with many white scales, difficult to get away (one hundred and eighty-ninth day); on combing the hair, a quantity of scales fall from the head (one hundred and ninety-third day); many scales on the head (two hundred and thirty-second day); a large number of scales on the head, especially the vertex (two hundred and fifty-third day); accumulation of scales on the scalp (two hundred and sixty-ninth day),[45b].—***Itching pimples on the scalp** (first fourteen days),[1].—**Small painful pimples here and there on the scalp* (eighth day); *pimples gone* (ninth day); *several small pimples on the scalp* (fifty-fifth day); *in the evening, painful pimples here and there over the scalp* (one hundred and thirty-fourth day); *several small pimples on the head* (one hundred and thirty-eighth day); *small pimples on various parts of the scalp* (one hundred and forty-seventh day); *the pimples on the head are almost all there still* (one hundred and fiftieth day); on the scalp, several small spots covered with scabs (one hundred and fifty-sixth day); the scabs on the scalp are loosening (one hundred and fifty-eighth day),[45b].—***Itching pimples on the forehead; on rubbing, a sticking in them,**[1].—***Pimples on the forehead painful to touch,**[1].—A small painless vesicle appeared on each frontal protuberance, which remained there for several weeks (fourteenth day),[28a].—***There arose several small painful elevations on different parts of the forehead and vertex,** one especially, on the skin between the occiput and right mastoid process, was particularly sensitive, and, along with the other elevations, lasted several days, when they gradually went off (twelfth day),[28c].—**Within a week, pimple on centre of forehead, painful to the pressure of the hat,* and one on dorsum of right foot, which is very painful to pressure and throbs (for some days),[72].—**On the left side of the forehead a small inflamed pimple* (sixth day),[45a].—[**430.**] **On the right side of the forehead an inflamed pimple* (thirteenth day),[45b].—**Some painful pimples above the eyebrows; on the forehead and scalp an inflamed pimple* (one hundred and sixth day); *above the left eyebrow six pustules* (one hundred and seventh day); *a small inflamed boil on the left side of the forehead* (one hundred and ninth day); two pustules on the forehead (one hundred and eleventh day); two inflamed pimples above the left eyebrow (one hundred and twelfth day); an inflamed pimple on the left side of the forehead (one hundred and fifteenth day); the pimple on the forehead swelled up during the past night and is filled with pus (one hundred and thirtieth day),[45b].—**An inflamed pimple on the forehead* (one hundred and sixty-seventh day); *several small pimples on the forehead* (one hundred and sixty-eighth day);

† Up to the age of fifteen I had been frequently troubled with ringworm.

an inflamed pimple on the forehead (one hundred and ninety-fifth day); the pimple on the forehead is full of pus (one hundred and ninety-sixth day); an inflamed pimple on the forehead (one hundred and ninety-ninth, two hundredth, two hundred and fifteenth, and two hundred and forty-sixth days),[45b] —***On the forehead complete patches and groups of black points, like comedones; they cannot, however, be squeezed out** (one hundred and forty-fourth day); *the group of comedones which appeared on the forehead two months ago have disappeared; only a few dark spots are visible* (two hundred and twenty-first day),[45b].—A painful pimple on the right eyebrow (ninth day),[45c].—An inflamed pimple behind the right ear (one hundred and sixty-second day); a small inflamed pimple behind the right ear (two hundred and sixty-third day),[45b].—A small painful spot, covered with papulæ, on the right temple (two hundred and seventy-fifth day),[45b].—***For some days past there has been a humid eruption on the top of the head, like tinea capitis, small grainlike pustules filled with pus, and drying up into honeylike scabs** (thirty-second day),[18a].—***On two spots of the vertex there are found very tender scabby elevations, the size of a pea, which last several days** (forty-third day),[28c].—During the day two pimples again appeared, one on the vertex, the other posteriorly about the nape (sixty-first day); **a painful pimple on the vertex** (ninety-fifth day); *on the vertex some small elevations of the scalp, quite free from pain* (one hundred and seventh day); *several small pimples on the vertex* (one hundred and twenty-third day); *a small painful pimple on the vertex* (one hundred and thirty-third day); *a painful pimple on the middle of the vertex* (one hundred and thirty-fourth day); *a small painful pimple on the middle of the vertex* (two hundred and thirty-fourth day); *a painful pimple on the vertex, in the evening* (two hundred and forty-fourth day); *the pimple on the vertex gone, but in place of it there appears on the same spot several not very tender elevations the size of a hemp-seed* (two hundred and forty-fifth day); elevations gone (two hundred and forty-sixth day),[45b].—[**440.**] **While combing his hair, in the morning, he observed a small, not red elevation, on the right parietal region, sensitive to the touch* (thirteenth day),[39b].—**On the right side of the scalp, over the parietal bone, a very painful pimple forms* (eighteenth day),[45].—***A suppurating pimple on the hairy scalp near the nape** (sixteenth day),[45a].—***An inflamed pimple on the occiput** (twenty-second day); **some inflamed pimples at the back of the scalp** (sixtieth day); *on the occiput two painful pimples, and a similar inflamed pimple on the middle of the vertex* (seventy-ninth day); *several painful pimples on the occiput* (ninety-ninth day);† on the right side of the scalp a small painful pimple (one hundred and eighth day); several small, not itching pimples, in the hollow at the back of the head downwards towards the nape (two hundred and twenty-third day),[45b]. —***Subjective.*** Pulsating throbbing felt externally on the head,[1].—**Pain in the roots of the hair, especially when touched*,[1].—**The hair of the head is painful on scratching*,[1].—***Slight sensitiveness of the whole scalp** (one hundred and ninth day),[45b].—Drawing and tearing in the scalp (one hundred and second day),[45a].—Disagreeable creeping and tension in the scalp (two hundred and forty-third day),[44b].—[**450.**] ***Itching on the scalp** (two hundred and sixty-ninth day),[45b].—**Itching of the scalp, in the morning* (eighth

† I must repeat the remark, that the large quantity of scales I used to have on my head for some time back have quite disappeared, and that I cannot now bring away anything of the sort by vigorous combing and brushing, but the hair on the vertex is falling off considerably, so that a bald place is beginning to appear.

day),[45e].—***Itching on the head, with impatience,**[1].—**Itching on the forehead*,[1].—**Violent itching on the forehead*,[1].—*After dinner, itching in the skin of the forehead (third day),[20].—*Itching of the skin of the forehead (forty-ninth day),[45b].—Great burning in the skin of the forehead, in the evening when sitting (third day); all day long till late in the evening, burning in the skin of the forehead (fourth day); *itching and burning in the skin of the forehead, in the evening* (fifth day); burning in the skin of the forehead, in the morning after getting up (ninety-first day),[45a].—In the morning, burning in the skin of the forehead (seventeenth day); severe burning in the skin of the forehead and in the eyes (fifty-third day),[45b].—Burning of the scalp on both temples, at noon (eighty-seventh day),[45a].—[**460**.] During the day, the sensation frequently occurred as if the hair on the top of his head were pulled, although for a long time past he had been bald there (third day),[20].—Slight sensitiveness of the skin of the vertex (eighty-ninth day); sensitiveness of the skin on the top of the head (one hundred and forty-second and two hundred and sixty-eighth days),[45b].—Violent pain, as from an ulcer, in the occiput on coughing, immediately,[1].—***Itching on the occiput**,[1].—***Itching on the occiput near the nape** (thirteenth day),[45].—***Itching on the occiput making him scratch** (eighty-sixth day),[45b].—**In the morning, after getting up, great itching on the occiput and nape* (ninety-sixth day); *great itching on the occiput, compelling him to scratch, in the morning* (two hundred and seventy-fourth day),[45b].—**Itching on the occiput, in the morning* (tenth day),[45e].

Eye.—Objective. **Eyes sunken, surrounded by blue rings*,[1].—***Blue rings around the eyes*,[1].—[**470**.] Both eyes much inflamed,[56].—***Redness of the eyes during the day**; **violent itching in them in the evening**,[1].—Swelling and redness of the eyes, with pimples on the lids,[1].—The white of the eye reddened (third day); redness of conjunctiva less (fourth day),[36].—**A white vesicle in the white of the eye, close to the cornea*,[1].—**Much matter in the eye, in the morning, for several days*,[48].—**Purulent mucus in the eyes* (after three days),[1].—Trembling of the eyes,[1].—**Heaviness of the eyes*,[1].—**Dryness of the eyes*.[13].—***Subjective.*** [**480**.] Aching in left eye (soon); in the evening, aching in the left eye (second day),[20].—Aching in the right eye, and sometimes a feeling as if the eyeballs were swollen, during the forenoon (eighth day),[44d].—**Slight adhesion and burning of the eyes, in the morning* (eleventh day); *burning in the eyes at noon* (thirteenth day); *burning of the eyes and lids, in the forenoon* (fourteenth day); *occasional slight burning in the eyes* (seventeenth day),[45].—**Burning of the eyes in their outer canthi, after rising* (second day); *slight burning of the eyes, especially the edges of the lids, towards noon* (fifth day); *slight burning in the eyes towards the outer canthi* (eleventh day); **burning of the eyes** (thirteenth day); *burning of the eyes after getting up* (twentieth and twenty-second days); *slight burning in the eyes and borders of the lids* (twenty-sixth day); *slight burning in the eyes* (twenty-ninth and thirtieth days); *burning of the eyes, at noon* (fortieth day); *some burning in the eyes, in the evening* (forty-third day); *some burning in the eyes, towards evening* (fiftieth day); *some burning of the eyes, in the forenoon* (sixty-second day); *some burning in the eyes after breakfast* (sixty-fifth day); *burning in the eyes* (seventy-eighth day); **severe burning in the eyes** (seventy-ninth day); *slight burning and aching of the eyes* (eighty-seventh day); *sensitiveness of the eyes* (one hundred and first day).[45a].—**Burning of the eyes* (forty-seventh and forty-eighth days); *severe burning in the eyes and skin of the forehead* (fifty third day); *the eyes burn a little, in the evening* (sixty-first day); *in the evening, frequently recurring*

tiresome burning in the left eye, followed by lachrymation (eighty-sixth day); *slight burning in the eyes* (ninety-eighth day); *eyes burn a little in the evening; the sensation went off before bedtime* (ninety-ninth day); *slight burning of the eyes, especially their external canthi, after getting up* (one hundred and sixteenth day); *slight burning of the eyes, in the morning* (one hundred and seventeenth day); *slight burning in the eyes* (one hundred and twenty-fourth day); *slight burning of the eyes, in the morning* (one hundred and forty-second day); *sensitiveness of the eyes* (one hundred and eighty-fifth day); *severe burning in the eyes* (two hundredth day); *slight burning of the eyes* (two hundred and fourth and two hundred and nineteenth days); *warm feeling and slight burning in the eyes, soon after taking the drops* (two hundred and twenty-eighth day); *slight sensitiveness of the eyes* (two hundred and sixty-ninth day); *burning of the eyes towards evening* (two hundred and sixty-ninth day); *slight burning of the eyes* (two hundred and seventieth, two hundred and seventy-first, and two hundred and seventy-second days).[45b].—***Burning in the eyes,**[1].—***Burning and easy fatigue of the eyes when reading,**[1].—**Burning of the eyes, without redness,*[1].—***Burning of the eyes, with great sensitiveness to daylight,**[3].—Burning of the eyes, with redness of the outer canthi and discharge of corrosive tears,[3].—[**490.**] **Burning and pressure in the eyes; in the morning they were agglutinated and the whole face swollen,*[1].—***Burning in the eyes, with redness of them** (thirty-third day); *redness of eyes much diminished* (thirty-fourth day),[16].—***In the afternoon burning shooting beneath the lids of the left eye, as though sand had got into it** (second day),[22c].—**Burning in the right eye for a short time, which recurs at short intervals* (seventeenth day),[34].—***Sensitiveness and burning in the eyes,** *for several days,*[46].—***Burning in eyes and feet** (nineteenth day),[34a]. —**In the evening troublesome feeling of heat in the eyes* (thirty-second day),[18a]. —***Burning heat in the eyes,**[57].—**Sensation of heat in the eyes,*[1].—Sensation of fulness of blood in the eyes,[1].—[**500.**] Smarting of the eyes, in the evening; the candlelight seems to be a red ring, wherewith he cannot see,[1].—Smarting of the eyes, with a feeling as if they watered,[1].—**Painful smarting of the eyes,*[58].—**A sensation as if there were a foreign body in the right eye, in the morning* (twenty-eighth day); *feeling of foreign body in the eyes, in the forenoon in the right, in the evening in the left eye* (twenty-ninth day),[44f].—**Sensation in the right eye, as if a foreign body were in it, which compels him repeatedly to rub and wipe the eye, in the afternoon* (thirty-fifth day),[45a].—**Sensation as if an inflammation of the eye were about to come on* (second day); *in the morning, on awaking, prickling, causing him to scratch, itching and smarting in the lids* (third and fourth days); *itching and smarting in the lids much diminished; towards evening it went off completely* (fifth day),[36a]. —Pressure in the eyes as if sleepy, every evening, without sleepiness,[1].—Pressure in the eyes, especially on working in the sun,[2].—Pressure and itching in the eyes and vertigo on stooping,[1].—About 4 P.M., after a glass of beer, pressive pain on the left eye (nineteenth day),[22a].—[**510.**] Tensive headache in the eyes only on raising them, several mornings in bed, on waking,[1].—A feeling as if the eyes were plucked back into her head,[66].—Bruised pain in the eye on pressing it together and on feeling of it,[1].—**Violent pains in the left eye, as if it were rubbed against spiculæ of glass, and drawn in towards the pupil. He was obliged to close the eye five or six times involuntarily. This was followed by burning in the eye and flow of tears.** *The attack lasted about two minutes* (fifth day),[17a].—Pains shooting through the right eye, and through the head generally,[64].—The eyes are painful to touch when closed,[1].—The eyes are painful on look-

ing at the flame of a candle,[1].—In the evening, jerking cutting in right eye, spreading to the temple; it lasts several hours, and can be excited anew by touching the right side of the tip of the nose (first day),[18d].—***Severe cutting in right eye** (first day),[17b].—**Shooting in the left eye, preventing him from reading, for several days; when he attempts to read he gets, immediately, violent shooting pains through the middle of the pupil deep into the eye* (thirty-second day),[15a].—[**520.**] The right eye feels very weak, water runs from it when looking at anything for a few seconds,[66].—About 2 A.M., painful dry sensation in both eyes (third day),[25f].—Biting in the eyes, as from Ammonia,[1].—**Biting of the eyes and lachrymation, every evening*,[1].—**A feeling as of sand in the eyes*,[56].—**Feeling of sand in right eye* (first and second days),[74].—***Stitches as with a knife in the right eye**,[1].—**Itching and burning of the eyes* (fourth day),[36c].—**In the forenoon, itching and burning in both eyes, followed by great watering of the eyes* (third day),[39].—At noon, for half an hour, great itching of the left eye, with lachrymation (ninetieth day),[45b].—[**530.**] In the morning, itching in left eye, which is not only aggravated by rubbing, but extends all over the face (fifth day),[20].—Itching in the left eye (second day),[20a].—***Brow and Orbit.*** **An inflamed pimple above the left eyebrow* (one hundred and twenty-seventh day),[45b].—**Pressure in the eyebrows and balls*,[1].—In the afternoon, slight tearing pains in the left eyebrow (seventeenth day),[28c].—Burning pain above and beneath the eyebrows, every afternoon,[2].—In the evening, drawing in the left eyebrow (forty-third day),[28c].—Sudden drawing above the right eyebrow (after two hours, third day),[25f].—At night, drawing pains in the region of the left eyebrow and aching in the left eyeball, as if it were swelled out and pushed forward; the aching in the eyeballs only went off the following morning, after getting up (twenty-fifth day),[40].—***Much itching in the eyebrows** *and in the tip of the nose*,[1].—[**540.**] Very violent piercing, cramp-like pain deep in the right orbit (probably in the muscles), which, as far as he could judge, seemed to extend through the bony wall of the orbit into the frontal sinus; it lasted a few minutes, and then alternated, with a similar pain in the left orbit (after half an hour, second day),[25f].—Pressure in both orbits,[1].—Boring pain over the left eye,[51].—Jerking pain above the right eye,[1].—Drawing pain in the bones of the orbits,[1].—Before going to sleep, shooting pain in the upper border of the left orbit (first day),[33a].—Shooting above the left eye (twenty-third day),[34].—***Lids.*** Swelling of the upper lid and dry matter in the lashes,[1].—Swelling of the upper lid, with redness and burning pain,[1].—**Swelling and pain in the eyelids, with lachrymation*,[1].—[**550.**] Inflammation of the lower lids, without especial swelling,[1]—**Redness of the eyelids and conjunctiva* (fourth day),[30].—The canthi of the eyes red and inflamed, slightly adhesive, and exuding a little (fifteenth day),[29].—Eruption of pimples on the upper lid,[1].—Stye on the upper lid by the inner canthus,[1].—Near the outer canthus of the left eye an intensely red, excessively itching and burning spot on the skin; the left palpebral conjunctiva much reddened (twelfth day),[29a].—**Agglutination of the eyes, two mornings* (after twenty days),[1].—***Agglutinated eyes, in the morning** *(after burning, in the evening)*,[3].—The eyes are agglutinated, in the morning, the lids thick and red; afterwards dry mucus in the lashes,[1].—I could scarcely open my eyes, which were agglutinated, with forcible closure of the lids; in the evening the light obliges me to shut them (fourteenth day),[15].—[**560.**] In the morning, on awaking, the left eyelids stuck together; lachrymation from both eyes; and along with these symptoms *there was so much photophobia that he could not look towards the window.* On

looking into the mirror, after getting up, he found the left eyelid swelled and the conjunctivæ of both eyes red. In the course of the day he had *a feeling of dryness and heat in both eyes; on opening and shutting the eyes he felt as if the lids rubbed against the eyeball* (twenty-third day). In the morning the left eye was again closed up, the lids reddened, the photophobia worse than yesterday; the conjunctiva and sclerotic of both eyes much injected; the least light caused a copious flow of tears (twenty-fourth day); the inflammation of the eyes lasted in the same intensity till thirty-first day; the ophthalmic affection declined; he could look at the light better; the redness and heat of the eyes were less (thirty-second day); in the morning the heat and redness of the eyes were greater than yesterday, but they declined in the course of the day (thirty-third day); each day, in the morning, feeling of heat in the eyes and some photophobia, symptoms which regularly declined towards the latter part of the day; in the evening, although he felt no pain in the eyes, he could not read long by lamplight without fatigue and watering of the eyes (thirty-fourth to thirty-seventh day),[32].—**Eyes slightly adhering, in the morning, on awaking* (fourteenth day),[45].—**Slight adhesion of the lids, in the morning* (ninth, thirty-second, and one hundred and seventh days),[45a].—Eyelids somewhat stuck together (forty-fifth and fifty-sixth days); canthi slightly adherent, in the morning (sixty-sixth day); slight adhesion of the eyelids, in the morning (sixty-seventh day); in the morning, adhesion of the eyelids and slight burning of their edges (seventieth-eighth day); slight adhesion of the external canthi (eighty-seventh day); the eyes are somewhat adherent in their external canthi (ninety-first day); slight adhesion and burning of the external canthi (ninety-second day); eyelids somewhat adherent (ninety-eighth day); slight agglutination of the eyelids, in the morning (two hundred and thirty-fifth and two hundred and thirty-eighth days),[45b].—Much eye-gum on the ciliæ, in the morning, after waking (ninth day),[44d].—Copious secretion of mucus from the Meibomian glands (fifth day),[36c].—Twitching of the lids for many days,[1].—*Twitching of the lower lid every day*,[1].—Twitching of the upper lid,[1].—The lids often close, after rising, in the morning,[1].—[**570.**] In the evening, twitching in the eyelids (second day),[20].—***Jerking in the lids**,[1].—Jerking in the lids, mostly in the afternoon,[3].—Jerking in the left lower lid almost constantly,[1].—Jerking in the lower lid,[1].—Eyelids heavy, in the evening,[1].—***Dryness of the inner surface of the lids**,[1].—**Pressure in the eyelids, in the evening*,[1].—Pressure in the upper lids,[1].—In the evening, violent shooting in the upper lid (fourth day),[42a].—[**580.**] Aching on the eyelids (fifth day),[45e].—Pain in the outer canthus of both eyes (twelfth day),[15].—In the evening, sudden, very painful tearing in the left upper eyelid (twenty-third day),[22a].—***Burning of the lids**, *that are inflamed and red and tense on motion*,[1].—***Burning of the eyelids externally**,[1].—Sensation of many burning sparks in the eyelids, that are immediately drawn together,[1].—Burning jerking in the right eyelid,[1].—Sticking and burning in the outer canthi, with dimness of vision, in the evening,[3].—A persistent burning in the external canthus of the right eye, and at the same time a sensation as if a grain of sand was in it (after third dose),[38].—*In the afternoon, burning in the eyelids, with flow of tears* (second day),[39b].—[**590.**] Burning in the lids, especially of the right eye, in the morning, after getting up (eighth day),[44d].—Burning of the upper lids,[1].—In the evening a fine burning, like sparks, on some parts of the skin of the right upper lid (third day),[27g].—***Burning in the edges of the lids, in the morning** (second day); *cutting-burning pains in the borders of the eyelids, and especially in*

the external canthi, after dinner (fifth day); *very distressing burning in the outer canthi, and on shutting the eyes, a sensation as of a foreign body between the edges of the lids towards their external commissure, in the evening* (fifth day); *burning in the borders of the eyelids, after rising* (sixth day); *slight burning of the eyes, particularly in the outer canthi* (eighth day); *burning in the canthi, towards noon* (eighteenth day),[45].—Great burning in the canthi, at noon (second day); slight burning in both outer canthi (tenth day); slight burning in the edges of the lids (twelfth, seventeenth, eighteenth, and nineteenth days),[45a].—**In the forenoon, some burning on the edges of the eyelids* (seventh day); slight burning in the external canthi (sixty-fourth day); during the day, severe burning on the edges of the eyelids (two hundred and third day); slight burning of the tarsal edges (two hundred and seventy-ninth day),[45b].—Frequent fine burning stitches in different parts of the skin of the left upper eyelid, as if from fine sparks (seventh day),[25].—***Smarting sore pain on the inner side of the lids, after midnight, followed by a sensation of a rubbing dryness upon the inner surfaces,**[1].—***Smarting pain as from dryness of the margins of the lids,**[1].—**Smarting of the lids; inclination to rub them; the eyes can hardly bear the light, in the evening* (eleventh day),[15].—[**600.**] Sensation like sparks in the left upper lid (fifth day),[25a].—**In the morning, slight sensitiveness of the edges of the lids* (one hundred and thirty-fifth day),[45b].—**Four hours after taking the medicine, when in bed,* **he felt a rubbing dry sensation (like sand) in the mucous surface of the eyelids** (fourth day),[25].—**In the morning, on awaking, feeling of sand in the eyes, with raw pain on rubbing them* (second day),[25d].—***In the morning, after awaking, painful rubbing dry feeling** *in the borders of the right eyelids* (fourth day),[25f].—About 3 P.M., feeling of fine sand between the right eye and lid (second day),[25e].—***Itching of the eyelids, as if they would become inflamed,**[1].—**Itching of the lids, obliging him to rest them every moment, in the afternoon; the eyes can scarcely endure the light at all, in the evening* (twelfth day),[15].—Itching biting in the outer canthus (after six hours),[1].—Itching and biting in the inner canthi,[3].—[**610.**] ***Itching and burning of the lids, which are red and swollen, in the morning** (ninth day),[44d].—**Frequent itching, burning, and smarting in the canthi of the eyes, making him rub them* (third day),[30].—In the afternoon, in the outer canthus of the left eye, slight tickling, which gradually incread to a considerable itching, which compelled him to rub the eye, and made all work in the evening impossible. He attributed this to a glass of wine he had drunk at dinner contrary to custom. Sleep twice interrupted, and each time the itching in the eye was present (fourteenth day). About 4 P.M., tickling in the outer canthus of the left eye, and soon afterwards itching in it so violent as to cause him to rub it. In the evening, by candlelight, the itching extended to the inner canthus and changed into a shooting pain, on acconnt of which it was midnight before he fell asleep, and not until he had allayed the pain by means of cold compresses (fifteenth day). In the morning the affected eyelid was covered with a dry cake of mucus. The upper lid felt stiff on first opening the eyes, otherwise nothing morbid was visible. On going out the eyes watered for a short time, but there was very little itching in the left eye (seventeenth day). Slight adhesion of the lids at the left external canthus (nineteenth day). Left eye still somewhat closed up with mucus; the upper lid less stiff (twenty first day),[35b].—In the evening, by candlelight, he had a recurrence of the itching in the external canthus of the left eye, which he had had while proving the tincture. At the same time the upper lid itched

(after five to ten minutes) to such a degree that he must involuntarily rub the eye. This he did gently, so that it could not have caused the symptoms that followed. Thus the itching increased in the evening to burning; the lids winked frequently, and the light hurt the eyes (second day). In the morning he awoke with stiff eyelids, which, however, soon regained their ordinary mobility. The lids and the caruncula were both injected of a bright-red color. During the day the eye was pretty well, with the exception of the redness above described, and occasional itching on the borders, as if they were covered with crusts that ought to be removed. But on the approach of night and at the sight of candles, the edges of the left of the eyelids commenced to burn, and photophobia came on. On reading or writing the eye watered, and the pain increased, preventing him going on with his work (third day). In the morning, on awaking, he could not open the eye immediately on account of the stiffness of the lids; he only succeeded in doing so after several trials, and then there appeared a considerable quantity of mucus, which obscured the sight, and in spite of frequent wiping away continued to return. This secretion of mucus lasted the first two or three hours of the forenoon, and did not cease till about noon. In the evening, again itching, then burning pain followed by photophobia and flow of tears (fourth day). The blepharoblennorrhœa of the left eye just described persisted (from fifth to sixteenth day); eye affection quite gone (twenty-first day); in the evening the ophthalmic affection returned, with precisely the same symptoms (twenty-third day); right eye affected in a similar though a slighter manner (twenty-ninth day); eyes quite well (forty-sixth day),[35c].—***Itching in eyelids and burning in eyes** (twelfth day),[34a].—**In the morning, after awaking, itching in the eyelids* (second day), *which are gummed together* (third day); *itching much diminished* (fourth day),[36].—**Itching in the right eye* (second day); *during the day prickling, itching, and smarting in the eyelids* (third day); *in the morning, after awaking, eyelids gummed together, and a feeling as if fine sand were in the eyes* (fourth day),[36b].—**In the morning, itching and smarting in both eyelids* (fifth day),[36c].—**A sensation of prickling in both eyelids, causing him to scratch and rub them*,[36e].—In the outer canthus of the right eye itching, shooting, and sensation of fine sparks in the skin of the right upper lid (third day),[25a]. —[**620.**] **In the afternoon, itching, burning, and redness of the edges of the lids*, and of the skin on the outside of the nose (twenty-fourth day),[29].—***Itching on the borders of the eyelids** (eighth day),[44b].—**After dinner, rather severe itching of the lids*, especially of the right eye (two hundred and forty-seventh day); great itching on the borders of the right eyelids (two hundred and forty-eighth day),[45b].—***Lachrymal Apparatus.*** Great lachrymation and coryza,[56].—Lachrymation, feeling fatty, from both eyes,[2]. —**Lachrymation in the morning, followed by dryness*,[1].—***Lachrymation and burning, in the morning**,[3].—Lachrymation in the open air, several days,[45]. —Lachrymation of the eyes, when walking, in the open air (two hundred and seventy-sixth day),[45b].—Slight burning and profuse lachrymation of the left eye, in the forenoon (tenth day),[45].—[**630.**] Acrid water ran out of the eyes (third day),[25e].—***Pupil.*** About 3 P.M., for an hour, remarkable dilatation of the pupils (thirty-second day),[27].—Distortion of the left pupil,[1].—Pupils much contracted,[1].—***Ball.*** **The eyeballs are painful on moving them*,[1].— **Pressure in the eyeballs on walking, in the open air*,[1].—Pressure in the left eyeball, in the afternoon (twenty-eighth day),[40].—***In the evening, dull aching and feeling of weight in both eyeballs, with loss of vision, as if a thick veil were before the eyes** (seventeenth day),[29].—***Pain as from**

dryness of the eyeballs, and a sensation as if they rubbed against the lids,[1].—After dinner, jerking tearing in the left eyeball (second day),[29].—

Vision. [640.] **Dimness of vision, as from a fog, with the headache,*[1].—**Dimness of vision of both eyes, with great sensitiveness to bright daylight* (second day); *great dimness of vision (on reading), as if the cornea had lost its transparency; at the same time feeling of dryness (as from fine sand) between the eyelids* (after one hour, seventh day),[25a].—Dimness of vision, in the forenoon (first day); all the forenoon, unusual weakness and dimness of the eyes, followed by frequent dry tussiculation (third day),[25e].—***Dimness of vision and weakness of both eyes, with innumerable confused dark spots floating before the eyes** (in two hours),[25f].—Dimness of vision, with giddy confusion (first day),[25g].—In the forenoon, dimness of vision; it seemed as if a veil were before the eyes; sometimes she saw objects double; she could hardly see to do needlework; when sewing the sight went away completely (seventh day),[31a].—**Since commencing my proving of Sulphur, I have observed a considerable weakness of vision, and very often a feeling of heaviness and aching in the eyeballs. When reading or writing I often feel as if a mist were before the eyes. I must then cover the eyes with the hand, slightly press and rub them, in order to read.* Moreover, I must hold the book I am reading a considerable distance from the eyes, for when I hold it close I cannot distinguish the letters. I had previously noticed a slight diminution of my visual powers, but since the proving of Sulphur, the feeling of weight and aching in the eyes, and the weakness of sight rapidly increased, and to a great extent,[29].—The eyes seem blinded, in the morning,[1].—Weakness of sight, she sees things only sideways,[58].—***Sensation of a veil before the eyes, and dim vision for near and distant objects,**[1].—[650.] In the evening, by candlelight, a veil before the eyes; the surrounding objects appeared to be enveloped in smoke; rubbing and wiping them had no effect (third day),[30].—***Sensitiveness of the eyes to daylight** (in two hours, fifth day),[36c].—***Vision as through a veil** (twentieth day),[34].—***Intolerance of sunlight,**[1].—**Obscuration of vision, while reading,*[1].—Paroxysms of obscuration of the eyes, while walking in the open air, with violent pressure and beating in the head, nausea and weakness (sixth day),[1].—Illusions of vision, as if her skin were yellow,[3].—**Objects seem more distant than they really are,*[1].—***Flickering before the eyes** (after forty-eight hours),[1].—After breakfast, great flickering and luminous appearance before the eye. Everything appeared to be in a quivering movement. This symptom lasted an hour (one hundred and twentieth day),[45b].—[660.] At night, when going to sleep, lightning-like flashes before the eyes (eighth day),[38b].—A white spot before the eyes, on looking into the air,[1].—***Small dark specks before the eyes**; *eyes dazzled after looking long at an object* (twenty-third day),[34].—***Dark points and spots before the eyes,**[1].—**Black flies seem to float not far from the eyes* (after twelve hours),[1].

Ear.—Great increase of the wax in the ears, especially the left ear (fifteenth day),[45a].—Copious secretion of earwax (fifty and fifty-first days),[29].—The hollow of each concha, and each external meatus were unusually moist from a viscid fluid wax (second day),[25b].—Constant sweating and frequent itching in the left external auditory meatus (first day),[25c].—After dinner, several fine stitches in the right concha (fifth day),[25a].—[670.] Violent squeezing pain, first in the left, then in the right auricle, close to the meatus (first day),[18a].—The left auricle is painful, as if sore on a limited spot (one hundred and nineteenth day),[45b].—Boring pains in the meatus auditorius (fiftieth and fifty-first days),[29].—Painful crawling and gnawing

in the left external meatus,[3].—Asleep sensation in the outer ear, for eight days,[1].—Slight drawing behind the left ear (two hundred and sixty-third day); severe drawing (two hundred and sixty-fourth day),[45b].—Gnawing in the bones in front of the left ear; also on swallowing,[3].—Distressing stopped sensation in both ears, for many days,[1].—Sensation as if the ears were stuffed,[51].—The ear always becomes stopped on blowing the nose,[1].—[**680.**] When blowing the nose, a sensation as if air were forced into the ears,[1].—Slight stopped up feeling of the ears (one hundred and eighty-fourth day),[45b].—Earache in the left ear,[1].—**Pain in the ear, as if ulcerated, on swallowing*,[1].—In the afternoon and evening, aching pain in the right ear, in the external meatus, towards the membrane of the tympanum (twenty-eighth day),[45b].—Aching boring pains in the ears, especially the right ear and the temples (seventeenth day),[29].—For half an hour teasing aching in the left ear, about noon (sixth day),[44d].—Slight sensitiveness in the right ear, judging by the feeling in the cavity of the tympanum (one hundred and thirty-second day),[45b].—It is painful within the ear, when cleaning,[1].—**Violent pressure in the ears on swallowing and sneezing*,[1].—[**690.**] Drawing in the left ear, with eructations from the stomach,[1].—After lying down, slight drawing in the right ear (twelfth day),[28c].—Towards evening, in the open air, there were several dull shoots through the right external meatus (one hundred and twenty-seventh day),[45b].—*Tingling in the ears;* at times in one, at times in the other, and difficult hearing with the tingling,[1].—Tingling and pulsation in the ears,[1].—Tingling in the ear, with deafness, so that the ears do not seem to be sensitive to sound, which seems to be only dimly appreciated by an internal sense,[1].—Tickling in the ear,[1].—**Sticking pain in the ear as far as the pharynx*,[1].—***Stitches in the left ear** (sixth day),[1].—Some transient stitches behind the left ear, in the evening (twenty-fourth day),[45a].—[**700.**] **Tearing in the left ear*, extending into the head,[1 3].—Itching in the ear, immediately followed by itching heat in the outer ear,[1].—**Itching in the left ear*,[3].—***Hearing.*** Hypersensitiveness of the auditory nerves in one who hears with difficulty, so that playing the piano causes nausea,[1].—Hypersensitiveness of hearing,[1].—Every noise distresses him,[1].—Intolerance of noise (second day),[33].—Deafness in both ears, very transient (after nine days),[1].—**Something seems to have come before the left ear*, so that though he hears everything, he cannot understand the human voice,[1].—After dinner, difficult hearing of left ear (first day),[20].—[**710.**] Loud noises in the ears, with the distension of the head (after one hour)[51].—Occasional noises in the head and ears (eighth day),[21a].—Noises in the right ear,[3].—Fluttering noises in the ear,[1].—At 5 P.M., fluttering before the left ear (sixth day),[21].—*Swashing, as from water in the ears*, with excessive sensitiveness of hearing (to the crack of a whip),[1].—Cracking in the ear, or like the bursting of bubbles,[1].—Frequent cracking in the ears, as if a string broke in them,[1].—Noise like boiling water out at both ears, and frequent painful drawing in the right ear (first day),[25b].—Ringing in ears (sixteenth day),[34a].—[**720.**] **Ringing in the ears, with deafness, during dinner*,[3].—**Ringing in the ears, and roaring, as from a wind, especially after lying down*,[1].—Ringing in the ears recurring several times during the day (fourth day); occasional attack (sixth to tenth day),[29b].—*Much ringing in both ears*, while sitting,[1].—Great ringing in the ears for five minutes, in the morning in bed,[1].—**Much ringing in the ears, and tingling or roaring in the head, for several days*,[48].—A ringing roaring in the head coming out at the ears,[1].—***Roaring in the ears,**[1]; (in two hours),[25].—A peculiar roaring in the ears,[1 7d].—**Roaring in the ears, for several days*,[1].—

[730.] ***Roaring in the ears, in the evening in bed, with rush of blood to the head,**[1].—Occasional roaring in the ears (first day); roaring all day long (second day),[39b].—(Roaring and singing in the left ear much diminished), (sixth day),[40].

Nose.—Objective. **Nose swollen,*[1].—***Inflammation in the nose** (after nine days),[1].—*About noon, *shining red swelling of the point of the nose, whereby the anterior angle of the left nostril felt thick, hard, and painful to the touch* (thirteenth day); increased redness and swelling of the inflamed nose (fourteenth day); the redness of the swelling on the nose is diminished, the shininess of the skin, and the sensitiveness to touch continue (fifteenth day); swelling of the nose as yesterday (sixteenth day); at 6 A.M., on the inside of the swollen portion of the nose is a hardened, transparent, bright-yellow mass, which can only be detached with difficulty and pain (seventeenth day); rapid diminution of the swelling of the nose, of which next day not a trace remains (eighteenth day),[21].—In the course of the day the right nostril was sensitive to the touch and somewhat reddened (eleventh day); the whole of the right ala nasi and especially the septum narium was inflamed and painful to the touch; merely touching the hairs in the nose caused violent pain (twelfth day); inflammation of nose continues (thirteenth and fourteenth days); nose not so red and sensitive (fifteenth day); nose scarcely at all tender to touch, and covered with bran-like scales on the parts that had been inflamed (sixteenth day),[22a].—* *Wings of the nose inflamed, swollen,*[1].—***Black comedones on the nose,** *upper lip, and chin,*[1].—Rush of blood to the nose, especially in the open air,[1].—***Frequent sneezing,**[1].—[740.] Sneezing, with moisture in the nose, about 9 A.M.,[46a].—***Very frequent sneezing, in the evening and morning,**[1].—* *Violent sneezing*, several days,[1].—Inclination to sneeze, that shook her almost spasmodically,[3].—Very frequent sneezing always preceded by nausea,[1].—**Frequent sneezing and coughing* (third day),[20a].—* *Violent sneezing* (first day),[34a].—Frequent sneezing, discharge of fluid mucus from the left nostril, a very severe catarrh, although that which dated from 20th October, had only quite ceased a few days previously (seventeenth day),[28e].—**Frequent sneezing, and the sensation as if a cold were coming on, and frequent blowing from the nose of mucus mixed with blood (almost every morning), (first fifteen days)*,[28d].—**Frequent sneezing, which always gave relief to the head* (sixth day); *in the afternoon, frequent violent sneezing* (fourteenth day),[33].—[750.] **Several fits of sneezing, in the morning after rising* (fourth day); *several violent sneezes in rapid succession, in the evening* (tenth day),[45].—***Frequent sneezing** (nineteenth day); frequent sneezing, in the afternoon (twenty-eighth day); frequent sneezing (thirty-second day); frequent severe sneezing, at least ten times in succession, at noon (sixty-seventh day); frequent sneezing, in the afternoon (seventy-eighth day); repeated severe sneezes (eighty-first day),[45a].—Violent sneezing (immediately); frequent sneezing, which increases the pain under sternum (seventh day); few sneezes (forty-second day); frequent sneezing (forty-fifth day); occasional sneezing and hawking of mucus (fifty-fifth day); occasional violent sneezing, in the forenoon (fifty-ninth day); frequent sneezing and dry tussiculation (sixty-seventh day); occasional sneezing, in the morning after rising (eighty-fifth day); occasional sneezing and coughing up of thick mucus (one hundred and tenth day); frequent sneezing (one hundred and forty-seventh day); violent sneezing, in the evening (two hundred and seventeenth day); very violent sneezing, at noon, ten successive times, followed by frequent dry tussiculation (two hundred and nineteenth day); occasional sneezing (two

hundred and thirty-first and two hundred and thirty-second day); occasional violent sneezing (two hundred and seventy-ninth day); occasional sneezing (two hundred and eighty-second day),[45b].—***Frequent sneezing** (sixth day),[45c].—Symptoms of threatened catarrh (fourteenth day); symptoms at height (fifteenth day); catarrh declined (sixteenth day),[16].—A very violent catarrh came on, which lasted an unusually long time, viz., one month (fourth day),[28b].—***Coryza** (after fourteen days),[1].—**Coryza, with chilliness, catarrh and cough*,[1].—Coryza about noon (second day),[43].—**A good deal of coryza and sneezing*,[55].—[**760.**] Coryza and great lachrymation,[56].—At noon, while at dinner, sudden recurrence of coryza (fifth day); occasional attacks (sixth to tenth days),[59b].—Stoppage of the nose, violent sneezing (twentieth day); coryza continues (twenty-second and twenty-third days); diminished (twenty-fourth day),[34].—Coryza, with very frequent sneezing (fifteenth day),[34a].—Violent fluent coryza (twenty-fourth day); severe fluent coryza, in the morning (twenty-ninth day); fluent coryza, towards noon (fortieth day); fluent coryza (forty-eighth day),[29].—Fluent coryza of burning water,[3].—**Fluent coryza, and on blowing the nose, also bloody mucus*,[1].—**Fluent coryza, like water*,[1].—Fluent coryza, the mucus must be drawn through the posterior nares,[1].—Frequent short paroxysms of coryza,[1].—[**770.**] Violent coryza, with rawness in the chest, and cough, with much expectoration,[1].—***Violent coryza** (after fifth and seventeenth days),[1].—Profuse coryza,[58].—**Distressing dry coryza, causing obscuration of the head, especially after eating*,[1].—** Water trickles from the nose*,[1].—** Yellow, glutinous, strong-smelling liquid drops from the nose two mornings and evenings, without coryza*,[1].—**Profuse secretion of thick, yellow, purulent nasal mucus, for several days*,[3].—***Offensive odor of nasal mucus on blowing the nose**,[1].—All day long an almost constant desire to blow the nose, though no mucus was present in its front part. The mucus remains sticking in the nasal passage; it is uncommonly viscid, and it is only after great exertion, in the way of blowing, that it comes away in the form of long narrow pieces, which interrupt the free passage of air through the nostrils (twenty-seventh day),[21].—A little acrid fluid comes from the nose (fifth day); increased discharge of thin fluid, about noon (eighth day); profuse discharge of fluid from the nose, in the evening (eighteenth day),[45].—[**780.**] Copious discharge from the nose, in the morning (fifth day); much thin mucous fluid comes out of the nose (seventh day); frequent discharge from the nose (seventeenth day); increased discharge from the left nostril, at noon (nineteenth day); much fluid comes out of both nostrils, late in the evening (nineteenth day); blowing of the nose, in doing which the septum of the nose burns, after dinner (twentieth day); frequent blowing of the nose, in the morning (twenty-first day); watery fluid flows several times from the nose, at noon, causing severe burning at the edges of the ala nasi (twenty-second day); great discharge from the nose, in the evening (twenty-fifth day); great watery discharge from the nose, which makes the edges sore, in the evening (twenty-seventh day); frequent blowing from the nose of thick mucus, in the forenoon (thirty-first day); much mucus comes from the nose, and there is a disagreeable dryness of the nose (forty-fifth day); discharge of watery fluid from the nose, at noon (fifty-first day); increased nasal secretion (seventy-sixth day); copious watery secretion, in the nose (seventy-seventh day); severe catarrhal symptoms (seventy-eighth day); blew much thick mucus from the nose while in the open air, in the forenoon; later, when in the room, the nose became quite dry, and its borders stiff; in the afternoon, profu nasal secretion (seventy-ninth day); blowing of thick mucus from

nose (eighty-first day); great discharge of mucus from the nose (eighty-first day); several times blowing of mucus from the nose (eighty-second day); frequent blowing of thick mucus from the nose (eighty-seventh day),[45a].—A watery fluid runs out of the nose (fifth day); considerable mucous discharge from the nose (fourteenth day); fluid frequently flows out of the right nostril (twentieth day); after dinner, a watery fluid frequently flows from the nose (thirty-second day); watery discharge from the nose (thirty-fourth day); watery discharge from the nose occasionally (thirty-fifth day); in the forenoon, frequent blowing of thick mucus from the nose (forty-ninth day); blowing of mucus from the nose, in the morning (fifty-third day); much secretion from the nose (sixty-third day); copious secretion of thick mucus from the nose (sixty-seventh day); blowing of thick mucus from the nose (ninety-eighth day); some fluid comes out of the right nostril (one hundred and forty-seventh day); frequent blowing the nose, and coughing (two hundred and nineteenth day); catarrhal symptoms somewhat less (two hundred and twenty-first day); catarrhal symptoms continue in a milder degree (two hundred and twenty-third day); a fluid runs out of the left nostril (two hundred and thirty-first day); blowing from the nose of thick mucus; catarrhal sufferings, at noon (two hundred and sixty-ninth day); much mucus blown from the nose (two hundred and seventy-fourth day); blowing from the nose of thick mucus (two hundred and seventy-fifth day),[45b].—**Blood from the nose on blowing it*,[1 2].—Nosebleed from time to time, for several days,[2].—**Nosebleed, for seven days* (after eleven days),[1].—Nosebleed two afternoons in succession, at 3 o'clock, followed by pain in the nose on touch,[1].—Clotted blood is always discharged on blowing the nose,[1].—Blowing of blood from the nose, at night,[1].—**Blows blood from the nose*,[1].—Nosebleed just before and after the menses,[1].—Nosebleed the third evening during the menses,[1].—[**790.**] The nose bleeds easily,[46a].—Violent nosebleed, in the morning on blowing the nose,[1].—Epistaxis, and in one case, a man of 60, nose bled every day, after the third day of taking the medicine, something which had not occurred since childhood,[76].—The mucus brought away on blowing the nose has streaks of blood in it (twenty-seventh day),[28c].—In the morning he blew some blood-streaked mucus from the nose (thirteenth day),[28].—About 8 P.M., tickling in the left nostril, immediately followed by the discharge of bright-red thickish blood, to the extent of about half a drachm, which contained a proportionately large quantity of sulphates (forty-eighth day),[29].—***Subjective.*** Stoppage of the nose (second day),[26].—Nose much stopped up (sixteenth day),[34a].—Stoppage of both nostrils, with frequent sneezing,[1].—Stoppage of the right nostril (thirteenth day),[21].—[**800.**] Stopped sensation in the upper part of the nose, with fluent coryza and burning soreness, with discharge of biting water, with rough bass voice, in the afternoon and evening,[3].—*Great stoppage of the nose, for several days;* on blowing the nose clots of blood are at times discharged,[1].—**Dryness of the inner nose*,[1].—Painful sensation of dryness in the nose, with violent coryza,[1].—The borders of the alæ nasi dry, the Schneiderian mucous membrane irritated, as if a coryza were coming on (fifteenth day),[29].—After a glass of beer, feeling of dryness in left nostril, and sensitiveness of the mucous membrane on inspiring the air of the room; the latter sensation went off almost entirely in the open air (nineteenth day),[22a].—**Dryness of the nose*, burning on the outer borders of the alæ nasi, which are very sensitive to touch, in the evening (fifth day); dry feeling and troublesome tension in the nose, in the forenoon (fourteenth day); troublesome dryness in the nasal cavity

(sixteenth day); in the nose sometimes dry feeling, and sometimes a discharge of watery fluid from it (seventeenth day); dry feeling in the nose, towards noon (eighteenth day),[45].—Distressing dry feeling in the nose, after rising; dryness in the nose, at noon (second day); troublesome dryness and sensitiveness of the nose, soon after taking the medicine (fifth day); some sensitiveness and dryness in the nose (tenth day); nose dry and tender, in the morning after waking (eleventh day); dryness of the nose (thirteenth day); tiresome dryness of the nose, in the evening (fifteenth day); great dryness and sensitiveness of the nose (eighteenth day); teasing dryness of the nose, in the morning (nineteenth day); dryness and tenderness of the nose (twentieth day); *dryness of the nose, and feeling as if its mucous membrane was swollen, in the open air in the forenoon* (twenty-third day); *great dryness of the nose* (twenty-fourth day); **dryness of the nose* (twenty-ninth day); *the effect upon the nasal mucous membrane during the whole of the proving was quite peculiar; at one time acrid fluid flows from the nose, and again the organ appears to be as dry and stiff as parchment, and the next moment he has to blow out a quantity of thick phlegm, which is followed by a return of the dryness; dryness of the nose* (thirtieth day); distressing dryness and stiffness of the nose, at noon (thirty-first day); dryness of the nose (thirty-fifth day); severe burning and dryness in the nose, at noon when sitting (thirty-sixth day); dryness of the nose and stiffness of its walls (fortieth day); dryness and tension of the nose (forty-first day); dry feeling in the nose, though it is actually moist, in the evening (forty third day); dryness of the nose, in the evening (forty-seventh day); burning dry nose, in the evening (forty-ninth day); dryness of nose (fifty-third and fifty-sixth days); the nose not nearly so dry as the day previous (fifty-eighth day); great dry feeling in the nose, especially towards its point (sixty-second day); dryness of the nose (sixty-eighth day); great dryness of the nose (seventy-second and seventy-sixth days); dryness and tickling in the nose (seventy-eighth day); great dryness, extreme sensitiveness, almost sore feeling of the nose (eightieth day); dryness in the nose (eighty-first day); dryness and parchment-like stiffness of the nose (eighty-fifth day); great dryness of the nose (eighty-seventh day),[45a].—In the afternoon, dryness of the nose (eighth day); dryness of nose (ninth day); dryness of nose (eighteenth day); dry feeling and aching in the nose (forty-third day); dryness of the nose (forty-seventh and forty-eighth days); tiresome dryness of the nose, in the morning (forty-ninth day); dryness of the nose (fifty-fifth and sixty-fifth days); dryness of the nose, in the morning (seventy-third day); dry feeling in the nose, at noon (one hundred and fourth day); sensitiveness and dryness of the mucous membrane of the nose (one hundred and fourteenth day); tiresome dryness of the nose (one hundred and thirtieth day); dry feeling and aching in the nose, especially its root, in the forenoon (one hundred and fifty-first day); dryness and aching in the nose severe (two hundred and seventieth day); dryness of the nose (two hundred and seventy-first and two hundred and seventy-second days),[45b].—Sore pain in the whole nose, especially in its septum, the slightest touch increased the pain, in the evening (second day); sore feeling in the nose, in the morning after rising; at noon pain very severe, and an acrid fluid flowed from the right nostril (fourth day); the nose, especially its left outer edge, is very sensitive to touch (seventh day); in the morning after waking, very tensive sore pain in the nose, especially at its point; feeling as if the nose was swollen; its internal aspect is covered with small scabs (eighth day); the edges and septum of the nose rather sensitive (tenth day); sensitiveness of

the septum of the nose (eleventh day); sensitiveness and dryness of the nose, at noon (thirteenth day),[45].—[**810.**] Transient sensitiveness of the mucous membrane of the nose (fourth day); mucous membrane of the nose feels sore, on smoking (thirty-second day); at dinner, a peculiar feeling in the right nostril; he felt as if the mucous membrane detached itself from the bone and rose as a blister, at the same time frequent sneezing; these symptoms were present almost all the afternoon (thirty-fourth day); raw pain on the edge of the right nostril (sixty-fifth day),[45a].—Aching at the root of the nose (twenty-fifth day); at noon, very troublesome aching pain in the nasal bones (one hundred and twelfth day); during the day, severe aching in the nasal bones (one hundred and thirteenth day); at noon, very severe aching in the nasal bones, and creeping in both temples (one hundred and fourteenth day); during the day, a disagreeable feeling of aching and fulness in the nose, one of the nasal bones was thickened and swollen (one hundred and seventeenth day); in the morning, severe aching in the nasal bones, and dry feeling in the nose. The aching in the nasal bones went off in the forenoon, but recurred at noon in great intensity and went away again in an hour (one hundred and eighteenth day); at noon, severe aching in the nasal bones and dry feeling in the nose, though a drop or two of fluid occasionally escapes unobserved from the nostrils (one hundred and nineteenth day); occasional severe aching in the nasal bones, in the forenoon (one hundred and twentieth day); during breakfast, very violent aching in the nose; the pain extended into the frontal sinus, but did not last long (one hundred and twenty-second day); occasional aching pain in the nasal bones (one hundred and twenty-fourth day); frequent aching pain in the nasal bones, in the forenoon (one hundred and twenty-seventh day); dry feeling and aching in the superior nasal passages (one hundred and twenty-eighth day); towards noon, quite severe aching in the nasal passages (one hundred and thirtieth day); frequently recurring, but always transitory sensation of soreness in the nose (one hundred and thirty-second day); occasional aching in the nasal bones (one hundred and thirty-third day); in the nose, very tiresome aching and feeling of dryness (one hundred and thirty-third day); aching in the nose, at noon (one hundred and thirty-fourth day); occasional tiresome aching in the nose (one hundred and thirty-fifth day); during the day, repeated aching at the root of the nose (one hundred and thirty-sixth day); towards noon, tiresome aching in the root of the nose (one hundred and thirty-eighth day); tiresome aching in the bones of the nose, at noon (two hundred and seventh day); aching pain in the root of the nose, in the evening (two hundred and thirty-sixth day); frequent aching pain in the root of the nose throughout the day (two hundred and thirty-seventh day); aching at the root of the nose (two hundred and thirty-eighth day); aching pain in the nose, at noon (two hundred and forty-eighth day); in the forenoon, very severe aching pain in the nose about its root, with dryness of the Schneiderian membrane (two hundred and fifty-eighth day),[45b].—Occasional aching in the root of the nose, between the shoulders and all over the back (fifth day); some aching in the nasal bones, towards noon; recurrence of the aching after dinner (sixth day); aching in the nasal bones (eleventh day),[45c].—A painful spot on the left nostril (two hundred and fifteenth day),[45b].—A tender spot in the left nostril (sixth day),[45c].—Boring above the root of the nose (twentieth day),[34].—**Pain in the nose, which was swollen and internally ulcerated*,[1].—Pain in the tip of the nose, when touched,[1].—A kind of cramp in the nose,[1].—Cracking or feeling, as of the bursting of

a bubble in the upper part of the nose,[1].—[**820.**] **Pressure in the right nasal bone, in the evening*,[1].—Cutting pain in the nose, and discharge of thin fluid from it, in the evening (seventh day),[45].—Tearing in the nose, after dinner, disappearing for a short time after pressure upon it, after dinner,[3].—In the forenoon, smarting in the nose and left eyelid (fifth day),[42a].—**Slight burning in the septum of the nose*, in the morning (third day),[45].—Burning in the left ala nasi, lasting for several minutes, and frequently recurring, in the morning (second day),[18d].—**Crawling in the nose, as in coryza*,[1].—**On the inside of the nose, especially on the alæ nasi, great itching and feeling as if the nose were swelled* (twelfth day)[29a].—Distressing itching in the nose, which is still stuffed (eighteenth day),[34a].—**Itching in the nose,[1].—[**830.**] **Itching and burning in the nostrils, as if sore,[3].—***Smell.*** Cannot tolerate odors,[1].—His dinner had a bad smell but good taste,[1].—Food smells like lime, yet has a good taste,[1].—Sharp biting odor in the nose, as from smoke,[1].—Annoying smell of Sulphur in the nose (sixty-eighth day),[45a].—Odor of soaked peas,[1].—**Odor of old offensive mucus, in the nose*,[1].—Odor of burnt horn, in the nose,[1].—A curious illusion of the sense of olfaction, as though he smelt soapsuds (forty-eighth day),[45a].—[**840.**] A peculiar illusion of the sense of smell, to wit, he thought he smelt the perfume of a flower, though there was none in the room,[17d].—Sense of smell blunted,[1].—Loss of smell,[1].

Face.—Objective. **Looks ill* (twelfth day),[34]; (sixth day),[4c].—Looks ill; has double rings around the eyes (two hundred and seventy-eighth day),[45b].—**The natural tension of the facial muscles gone, so that her features appear distorted, as if worn out by long suffering* (fourth day),[31].—Redness of the face and perspiration after dinner,[1].—Dark redness and heat of the face, especially on walking in the open air,[1].—Considerable congestion of the face, at 3 P.M. (sixth day),[33].—Yellow complexion (nineteenth day); appearance grew daily worse (twenty-first to thirty-first day),[53].—[**850.**] Complexion showed a remarkable change; it had a dirty earthy appearance (sixth day),[29a].—Complexion pallid (fifth day),[31].—**Paleness of the face,[1].—**Face pale and collapsed, with an expression of great anxiety,[51].—**Pale suffering expression, as after a long illness, with great discomfort,[3].—In the morning, on awaking, tension of the skin surrounding the mouth (third day); dryness and tension of the outer skin round about the lips, and branlike desquamation of it (tenth day),[28a].—***Subjective.*** Tension in the skin of the face, as if beginning to swell (fourth day),[20].—Drawing pain in the left side of the face, as if in the skin, above the eye, on the temples, and on the malar bone as far as into the lobule of the ear, mostly in the morning,[1].—**Tearing in the right half of the face*,[1].—**Boring above the root of the nose*,[1].—[**860.**] **Burning in the face and throat, without redness,[1].—**Burning in the face,* *recurring several times during the day* (fourth day); occasional attacks (sixth to tenth day),[39b].—Crawling sensation in the face,[1].—A sensation under the skin of the face as if dashed with cold water, with perceptible coldness of the face, in paroxysms, lasting a few minutes,[1].—***Cheeks.*** Red swelling of the cheeks, without pain,[1].—Swelling of the cheeks, with sticking pains, and also pain on touch, lasting eight days,[1].—Roughness of both cheeks, heat and burning in them, and sensation as if they had been exposed for several days to a severe cold; this lasted several days, and was followed by a branlike desquamation, which also lasted several days (twenty-third day),[28c].—Redness and violent burning on both cheek-bones,[1].—After drinking coffee, burning of the right cheek and auricle, with chilliness of the rest of the body (third day),[18].—

About noon, burning in the right cheek, as if some drops of hot fluid were thrown against it, lasting four or five minutes; this recurred twice (fourth day),[39].—[**870.**] Pressure and burning in the cheeks and cheek-bones,[1].—**Painful pressure on the malar bone and beneath the eye*,[1].—Bruised pain in the right malar bone, even at night,[3].—Penetrating shooting and drawing in the left zygoma (one hundred and forty-third day),[45b].—At 11.30 A.M., occasional violent shooting in the right cheek-bone (sixth day),[37a].—In the evening, frequent sudden tearing in the left cheek, in the right nape muscles, and in the right tibia (twenty-second day),[28c].—In the evening, tearing in the right cheek (thirtieth day),[28c].—Repeated flying tearing in both cheeks (thirty-first day),[28c].—**Tearing in the malar bone, also at other times in the lower jaw, as if the parts would be torn out*,[3].—Twitching at times on the malar bone, at times on the chin,[1].—[**880.**] Painful swelling of the upper jaw above the gum (after three days),[1].—Ulcerative pain in the left upper jaw (soon),[1b].—Spasmodic drawing in the jaws,[1].—Drawing in the left upper jaw and zygoma, about 5 P.M. (eighth day),[41a].—The left jaw very little painful (two hundred and eighty-fourth day),[45b].—Drawing in the right upper jaw and in the left thumb (fourth day),[44e].—Cracking in the articulation of the jaw on chewing,[1].—Tearing in the right upper jaw, in the evening,[1].—***Lips.*** ***Swelling of the lower lip, with eruption upon it*,[1].—**Swelling of the upper lip*, also, in the evening, with pain,[1].—[**890.**] Trembling of the lips,[1].—Twitching of the lips,[1].—Dry, scaly, rough upper lip and margins of the nose, with burning,[3].—Lips cracked,[1].—Dryness of the red of the lower lip, with scabs and tensive pain,[1].—Before dinner, he observed on the inner side of the lower lip a vesicle, the size of a hempseed, filled with a dark blood, but it did not annoy him much, and after dinner was found to have disappeared without leaving a trace behind (second day),[25f].—On the mucous membrane of the right side of the under lip two aphthæ, which went off in two days (third day),[25f].—**On the internal surface of the left lower lip he observed a group of grayish-white aphthæ, which were rather painful;* after a time, several aphthæ appeared on the right upper lip (they lasted a week), (fourth day),[25f].—**On the lip, near the right commissure of the mouth, there appeared a group of small painful vesicles standing close together* (fifth day); the vesicles burst, and left behind them an equal number of small round spots, which, the following day, assumed a lardaceous appearance (sixth day); began to dry up, and were covered with a scab, which fell off in five days (eighth day),[28e].—A very painful fissure in the middle of the upper lip, which lasted several days (third day),[18].—[**900.**] **A scabby ulcer with burning pain on the margin of the red of the lower lip*,[1].—**A red pimple on the margin of the red of the lower lip, with sticking pain only on touch*,[1].—A painful inflamed spot in the red of the upper lip (one hundred and seventy-fourth day); the spot of the upper lip is swollen and burns extremely (one hundred and seventy-fifth day); the spot has turned into an aphthæ (one hundred and seventy-sixth day); the aphthæ begins to dry up (one hundred and seventy-eighth day),[45b].—A painful spot in the red part of the upper lip, in the forenoon (first day); a small pustule on that spot; after this was opened and the matter discharged, it disappeared in a few days (second day),[45b].—In the morning, on awaking, dry wrinkled lips (fourteenth day),[29].—**In the morning dryness of lips, the mucous membrane of which lies in folds; aridity of the commissures of the mouth, which are covered with small whitish scales* (fifteenth day),[29].—In the morning, on awaking, arid, wrinkled lips (third day); lips dry and shrivelled (fourth day); dryness of the lips and palate (tenth

day),[29a].—The upper lip very red and sensitive on its inner surface (twentieth day),[45a].—**The lips become so dry in speaking that they are quite rough, and cause a disagreeable feeling of rubbing* (sixteenth day),[45]—**Dryness of the lips,**[1].—[**910.**] **In the morning, dryness and tension of the skin of the lips* (forty-eighth day),[29].—In the red part of the lower lip, on the left side, sensation like a fissure, though there was none (fifth day),[45a].—Feeling as if the upper lip were swelled (first day),[45].—**Burning of the lips,*[1].—Burning smarting of the lower lip,[2].—Lips always hot, sticking, and burning,[1].—Burning in the upper lip and the edges of the lids, in the morning after rising (fourth day),[45].—The upper lip burns as if it were raw (second day),[45a].—Slight burning in the upper lip (forty-fifth day),[45a].—Tenderness of the upper lip after rising (second day),[45a].—[**920.**] Tenderness of upper lip (eleventh and forty-first days),[45a].—Upper lip sensitive to touch (second, eighth, and eleventh days),[45]; (sixty-eighth day),[45a].—Sensitiveness of the upper lip, which is quite dry (fifty-fifth day),[45a].—Raw pain in left commissure of mouth (seventh to thirteenth day),[17a].—Left commissure of mouth again painful (first day),[17b].—Soreness of the left commissure of the mouth (sixth day),[17c]; (second day),[17d].—**Sore pain in both oral commissures,* in the afternoon (eighth day),[44b].—The commissures of the mouth, especially the left one, smarted as if raw (fourth day),[44c].—***Chin.*** ***Glandular swelling on the lower jaw,**[1].—Painful swelling on the lower jaw beneath the gum,[1].—[**930.**] A thick painless lump on the lower jaw, tense on chewing,[1].—Cramplike pain in the left lower jaw and in the glans penis (first day),[18a].—In the morning, after waking, pain on the left side of the lower jaw, and swelling of the gum around a tooth, as if a gumboil were about to come (one hundred and first day),[45a].—***Drawing jerking in the left lower jaw,**[1].—Drawing-tensive pains in the right side of the lower jaw (seventeenth day),[29].—In the evening, sudden drawing on the right side of the lower jaw (third day),[44d].—Drawing on the left side of the lower jaw and in the left thigh, in the afternoon (fourth and fifth days),[44d].—Drawing in the left side of the lower jaw, towards its articulation, about noon (sixth day),[44d].—Drawing in the left side of the lower jaw, in the morning after getting up (thirty-first day),[44f].—After midnight, excessively violent pains in the left lower jaw; the pains were drawing pressing, proceeding from a healthy tooth, spreading over the whole lower jaw, extending to the temple and ear, and lasting till he got up the following morning (two hundred and seventy-seventh day); some tenderness of the left lower jaw (two hundred and seventy-ninth day); towards morning, severe pain in the left lower jaw, sometimes with drawing into the left ear; in the forenoon, in the open air, the pain increased; it was a very painful drawing, which extended not only over the jaw, but over the whole of the left side of the face; one spot on the lower border of the under jaw was especially painful, also when touched; in the evening, in the open air, the pain extended in an aggravated degree all over the lower jaw; occasional pain in the left lower jaw, in the evening (two hundred and eightieth day); drawing in the lower jaw, in the morning (two hundred and eighty-first day); towards morning the pain of the left lower jaw, especially about a loose tooth, extremely violent (two hundred and eighty-second day); pain in the lower jaw; during the day, occasional sharp tearing in the left lower jaw (two hundred and eighty-third day),[45b].—[**940**] **Jerking in the lower jaw on falling asleep,*[1].—Sticking in the lower jaw, extending out of the ear,[1].

Mouth.—Teeth. Bleeding of the teeth,[1].—Brown mucus on the teeth,[1].—Looseness of the teeth and bleeding of the gum, for three weeks,[1].—

The teeth become elongated, so that she can scarcely chew,[1].—The tooth is elongated and painful when not touched, or when not bitten upon,[1].—The back teeth become loose and seem too long, with simple pain on touch, and on eating,[1].—Feeling of looseness of the teeth, in the evening,[1].—The teeth feel loose on biting, and on eating feel paralyzed,[1].—[**950.**] All her teeth feel loose,[65].—The teeth pain as if too long, and there is a tingling in them, like a vibration,[1].—The teeth seem too long,[1].—The front teeth seem too long, with sensitiveness when pressed upon and in the open air, when there is a jerking pain and tearing extending up into the left temple, where also it is painful to pressure,[3].—Teeth on edge, and painful only when bitten upon; cannot chew black bread on account of pain (after five days),[1].—Teeth on edge,[1].—Toothache and inflammatory swelling of the gum, in the vicinity of a stump almost entirely destroyed (twenty-fourth day),[34].—**Toothache in the open air*,[1].—Pain in the front teeth, at night,[1].—Pain in almost all the teeth, during dinner,[1].—[**960.**] A back tooth is painful to touch,[1].—*Toothache from the slightest draft of air*,[1].—Toothache every afternoon, as if the teeth would be broken off, with chilliness; disappearing when in bed,[1].—Toothache, which is renewed by cold rinsing of the mouth,[1].—Toothache in paroxysms, for two or three hours, followed by burrowing; cold is better tolerated than warmth,[1].—Toothache, which becomes accompanied by swelling of the cheek,[1].—At 9 P.M., in the undecayed teeth of the left lower jaw, aching pains which last an hour (fourth and fifth days),[22b].—Great sensitiveness of the tips of the left upper teeth, worse from cold water, with shooting pains, even in the morning,[3].—Fearful attacks of toothache; all the top row feel as if being drawn,[58].—***Drawing toothache**,[1].—[**970.**] **Drawing pain in the teeth, in the open air*,[1].—Drawing tearing toothache, now in the right, and now in the left side, for hours, and often with intermission for half an hour or an hour; also at night on waking,[1].—Drawing and tearing in the teeth, mostly aggravated by cold water, at times relieved by warmth; often with jerking in the tips,[3].—Throbbing drawing toothache,[1].—Grumbling and drawing in the teeth,[1].—Drawing in the teeth of the left upper jaw, the gums of which pain, as if ulcerated (third day),[18].—Drawing in the crowns of the teeth, in the evening (eighth day),[44f].—In the forenoon, drawing in the teeth, which recurred several times (tenth day),[44f].—Drawing in the teeth (eleventh day),[44f].—Occasional drawing in the teeth and limbs, especially the right thigh, in the morning (seventeenth day),[44f].—[**980.**] Drawing pain in the back teeth, aggravated by inhaling cold air,[1].—Drawing, first in the upper teeth of the left side, and then in those of the right side (third day),[18].—Violent drawing pain in an incisor, lasting till 11 P.M., followed by sleeplessness till towards morning,[1].—At night in bed, drawing in the right upper row of teeth (third day),[25e].—Slight drawing in the lower incisors (two hundred and forty-third day),[45b].—Drawing in the right molar teeth (eighth day),[44d].—***Throbbing and boring in the teeth**,[1].—*Boring, as with a hot iron, in the teeth*,[1].—The night's rest was disturbed by boring tearing pain in the teeth, which lasted all the following day, and in the night of the 15th attained such a height that he could not sleep a wink, in consequence of which he got the tooth, which was somewhat carious, drawn the following day (seventeenth day),[29].—Violent boring pain in a hollow tooth, always occurred in the evening and tormented him until late at night (fourth, fifth, and sixth days),[35].†—[**990.**] Boring pressing in the teeth and on the head externally,

† As he had no more toothache during the whole time of the proving, he was disposed to attribute it rather to wet weather, then prevailing, than to the Sulphur.

for only a few minutes after eating,[1].—**Pressive toothache, with pain in the submaxillary glands,*[1].—Frequent cutting through all the teeth of the right row from a draft of cold air,[1].—In the forenoon on inspiring cold air, tearing pain in a lower healthy incisor tooth (thirty-sixth day),[83].—Violent digging pains in a right healthy molar tooth; strong pressure on the tooth diminished the pain; cold and heat had no effect on it,[11e].—Shooting pains in the teeth (tenth day),[34a].—At 7.15 P.M., several shoots in the second last healthy molar tooth on the right side (second day),[38d].—Jerks through single teeth,[1].—Painful jerking in a hollow tooth, after dinner,[3].—Jerks and stitches in the teeth periodically; also after midnight and in the morning, when eating and when not; on inhaling air there is painful shooting into the gum that seems loose, and is painful,[1].—[**1000.**] Sticking toothache in all the teeth, day and night, aggravated by biting when eating,[1].—Sticking toothache in all the teeth, day and night,[1].—**Sticking toothache extending into the ear; it woke him at night,*[1].—A violent stitch through the teeth from a cold drink,[1].—Sticking burning and throbbing in the teeth, extending into the orbits and ear,[1].—Sticking in the hollow teeth from 7 to 8 A.M., three mornings before the menses,[1].—***Gums.*** **Swelling of the gum, with throbbing pain,*[1].—**Swelling of the gum about an old stump,*[1].—Bleeding of the gum,[3].—*The gum bleeds on spitting,*[1].—[**1010.**] Easy bleeding of the gums (fourteenth day),[34a].—About 2 A.M. he awoke with violent pains in the inflamed gum; they were burning and tearing, and spread all over the head; at the same time a sensation as if the left cheek were swollen, which is not the case; after two hours he became again quiet and fell asleep; gum very painful, in the evening (one hundred and second day); in the morning the gum is still rather tender, but the swelling considerably diminished (one hundred and fourth day); gum more painful (one hundred and fifth day),[45a].—Slight sensitiveness and swelling of the gums on the right side of the lower jaw (sixtieth day),[45b].—In the morning on awaking, and after dinner, aching and sore pain in the gums of the lower jaw, on the right side (ninety-eighth day),[45b].—In the evening, the gum around the stump of a tooth in the lower jaw, right side, is painful, as if a parulis were about to form; it went off before bedtime (ninety-ninth day),[45b].—Sensation of swelling and ulceration on the left side of gums, especially the upper jaw, at noon (third day),[18].—***Tongue.*** Dull pain in the root of the tongue, which increased towards evening and obstructed speech; it looked somewhat red and swollen (after two hours, sixth day); in the evening the pain in the tongue returned, and that more severely than yesterday (seventh day); in the evening the pain in the tongue again came on severely; he cannot describe the pain; the tongue feels much swollen, inflamed, and as if it were strongly pressed upon; on pressing the finger on the left side beneath the tongue backwards, he felt a very painful hard pimple of the size of a pea (eighth day); in the afternoon, violent pain occurred in the tongue; it was swollen, and the speech, in consequence, difficult; the pain of the tongue lasted until late at night (tenth day); forced to leave off taking the Sulphur on account of the pain in the tongue; during this time the pain, swelling, and pimple disappeared (eleventh to sixteenth days); slight feeling of the pain of the tongue (eighteenth day); same pain in the tongue (twentieth day); the pain and swelling of the tongue increased so much that he could not be persuaded to continue the proving (twentieth to twenty-fourth days); in three days tongue again quite normal,[24].—**On the right anterior border of the tongue, a hard raised spot the size of a lentil; on moving the tongue, shooting pain in*

it (eighth day); the swelling and pains in the tongue were greatly diminished, and the following day were quite gone (ninth day),[26].—A vesicle on the left border of the tongue (thirty-third day),[23].—**A smarting blister on the right side of the tongue*,[1].—[**1020.**] ***Coated tongue**,[1].—Tongue thickly furred with a dirty-yellow coating (fourteenth day); thickly furred tongue, morning, noon, and evening (twenty-seventh day); in the forenoon, tongue furred (thirty-first day),[29].—In the morning after awaking, tongue thickly furred (fourth and fifth days); in the morning on awaking, dryness and burning of the tongue, which was covered with a dirty whitish-yellow fur (tenth day),[29a].—Dirty, thinly coated tongue, in the forenoon (second day),[30].—White tongue,[1].—Tongue white, in the morning; red and clean, in the afternoon,[1].—Tongue rather white-furred (forty-third day),[22a].—Red tongue, with white papillæ, like fungi,[1].—Salt mucus sticks to the tongue, every morning,[1].—Twitching on the tongue,[1].—[**1030.**] Frequent faltering of the tongue, when talking,[1].—**Dryness of the tongue*, which, after a quarter of an hour, gave place to a slimy taste in the mouth (fourth day),[25f].—**Very dry tongue, in the morning*,[1].—**Dryness of the tongue* (second day); (in half an hour, third day),[27e].—**In the morning on awaking, dryness of the tongue and palate* (third day),[29a].—**Burning pain on the tongue*,[1].—Burning in the point of the tongue (soon),[29].—Biting, as from blisters, on the tongue,[1].—In the morning, shooting in the tip of the tongue (immediately, second day),[40].—Convulsive shooting in the tip of the tongue (twenty-first day),[40].—***General Mouth.*** [**1040.**] Blisters in the mouth painful, while eating,[1].—Small painful sore blisters in the mouth, even slightly salted food causes biting,[1].—Blisters in the mouth, with burning pain,[1].—In the evening he perceived on the inside of the upper lip, near the right commissure of the mouth, a small painless elevation, which in a few days changed into a small pedunculated wart, with three free apices (twenty-eighth day). It still remained months after the termination of the proving,[28d].—Blisters on the hard palate, which prevent talking and eating,[1].—Desquamation of the skin from the inside of the cheek,[1].—*Bad odor from the mouth*, after dinner,[1].—Bad odor from the mouth, in the morning on rising,[1].—Very bad odor from the mouth, in the morning, and also afterwards,[1].—Bad odor from the mouth, in the evening,[1].—[**1050.**] **Sour odor from the mouth*,[1].—The breath has a bad odor, when coughing,[1].—**Mouth dry*,[76].—Dryness of the mouth, and taste of blood,[1].—**Dryness of the mouth, after eating*,[1].—***Great dryness of the palate, with much thirst; she is obliged to drink much**,[1].—Dryness of the mouth and scraping in the throat, as if food would not go down,[1].—Dry feeling and tensive pain in the left side of the palate, gradually extending to the right side, and lasting two days, in the morning (second day),[18d].—Dry feeling in the mouth and throat (first day),[20 20a].—**In the morning on awaking, sensation of dryness in the mouth* (fourteenth day),[29].—[**1060.**] In the morning after awaking, palate dry (fourth and fifth days),[29a].—***Mouth dry, insipid and sticky, in the morning**,[3].—*Mouth insipid*, with loss of appetite,[1].—Spasmodic constriction in the mouth, on the first morsels,[1].—Constrictive sensation in the mouth,[1].—Burning in the mouth, with thirst, at night,[1].—Burning, as from pepper, in the mouth, day and night, causing thirst, not relieved by drinking,[1].—Burning in the mouth, in the morning, without thirst,[1].—Burning in the mouth, with eruption about it,[1].—**Heat in the mouth, and much thirst, at night*,[1].—[**1070.**] Heat in the mouth, without thirst (after nineteen days),[1].—Feeling of roughness in the mouth and throat (forty-third and forty-fifth days),[22a].—Tickling in the palate, posteriorly (thirty-second day),[18a].—

Salira. Accumulation of saliva in the mouth, when beginning to eat,[1].—Water runs from the mouth, and hawking up of mucus,[1].—Flow of water in the mouth coming from the stomach, disappearing after eating,[3].—***Collection of saliva in the mouth, even after eating,**[1].—When at stool, profuse flow of saliva into the mouth (second day),[18d].—At night, great flow of water from the mouth (sixth day),[25].—Soon after dinner, great flow of saliva into the mouth, and sudden softly digging pain in the right parotid gland (fifth day),[25a].—[**1080.**] Salivary secretion increased; for a long time he had every now and then traces of blood in the saliva (twelfth day); rush of water into the mouth (seventeenth day); in the evening, great flow of saliva mixed with blood (twenty-sixth day); great flow of saliva into the mouth; bloody streaks in the saliva (in one hour); increased secretion of saliva mixed with streaks of blood, in the afternoon (thirtieth day); in the forenoon, copious secretion of saliva mixed with streaks of blood (thirty-third day),[29].—About 8 P.M., great flow of sweetish saliva into the mouth (forty-eighth day),[29].—**Bloody saliva*,[1].—Red, salt-sour water is exuded from a left lower hollow back tooth,[3].—**Collection of saliva in the mouth*, sour and bitter,[1].—In the evening, immediately after taking the medicine, flow of water into the mouth (twenty-second day),[34].—In the morning, expectoration of salt-tasted saliva (ninth day); after hawking and slight coughing, it went off in four days,[32c].—**Salt saliva*,[3].—Flow of water into the mouth (in half an hour, first and second days),[33b].—Collection of water in the mouth, at 9.30 A.M. (third day),[45].—[**1090.**] Accumulation of much mucus in the mouth, after midnight, with tickling, obliging frequent hawking,[3].—Mouth very slimy, in the morning,[1].—***Taste.*** Disagreeable taste in the mouth, in the morning (immediately, second day),[40].—In the evening after eating an ice, very disagreeable taste and slight nausea (ninth day),[45].—Very disagreeable acrid bitter taste in the mouth, after breakfast (seventeenth day),[45a].—Very disagreeable resinous taste in the mouth (fifty-fifth day),[45a].—Very disagreeable and acrid bitter taste in the mouth, after breakfast (fifty-sixth day),[45a].—Very disagreeable taste, for an hour after breakfast (fifty-seventh day),[45a].—Foul taste in the mouth, in the morning,[1].—What he eats tastes like nothing, like bad wood,[1].—[**1100.**] In the morning, taste clammy (fourteenth day); clammy taste (seventeenth day); awoke with clammy taste in the mouth (twenty-sixth day); clammy taste, morning, noon, and evening (twenty-seventh day); clammy taste, in the morning (forty-eighth day),[29].—In the morning on awaking, clammy taste (third day); in the morning after awaking, taste clammy and insipid (fourth and fifth days),[29a].—Clammy taste in the mouth (one hundred and forty-second day),[45b].—*Vinegary taste in the mouth all day*,[1].—Vinegary taste in the mouth immediately after drinking milk,[1].—Very sour taste in the mouth, in the evening before going to bed,[1].—Sourish taste in the mouth till after breakfast,[1].—Sour taste and eructations, lasting several days (fifth day),[36a].—If she eats a little too much, the next day she has a horribly sour, offensive taste,[1].—Sourish taste in the mouth,[1].—[**1110.**] Sour taste in the mouth, in the morning after a good sleep,[3].—Bitter sourish taste in the mouth, at noon after eating,[1].—Acidity in the mouth, and *acid eructations after drinking milk*,[1].—Salt sour taste in the mouth, while eating,[1].—Mouth sweetish, and foul all day,[1].—**Bad sweetish taste in the mouth*,[1].—Constant sweetish taste in the mouth, as from fasting, with frequent hawking up of mucus,[1].—Great sweetness in the mouth, in the morning on waking, with much mucus,[1].—**Offensive sweetness in the mouth, causing nausea, the whole forenoon*,[1].—In the evening, immediately after dose, sweet taste in the palate

(thirteenth day); sweetish taste (seventeenth day); in the evening, sweetish taste in the mouth (twenty-sixth day); sweet taste (in one hour, thirtieth day); in the forenoon, sweet taste (thirty-third day),[29].—[1120.] **Bitter taste, soon after eating*,[1].—Bitter taste, in the morning, relieved by eating,[3].—Bitter-tasting mucus in the mouth, worse in the morning,[1].—**Bitter spoilt taste in the mouth, every morning*,[1].—***Bitterness in the mouth, in the morning on waking,**[1 3].—Bitter taste to food, for example, to bread,[1].—Bitter taste in the palate and throat, in the morning on waking, relieved by coughing up mucus,[1].—Bitter taste of all food, with very coated tongue,[1].—***Bitter bilious taste in the mouth, when fasting, though food has a good taste,**[1].—***Bitter taste in the mouth, with dulness of the head and ill-humor.**[1].—[1130.] **Disagreeable metallic taste* (tenth, eleventh, and twelfth days),[26].—**Metallic taste in the mouth, like copper* (immediately),[35a].—**Coppery taste in the mouth, in the morning on waking*,[3].—Taste insipid and bitter, and yet good appetite for dinner (forty-third day)[22a].—Insipid taste, in the forenoon (second and thirteenth days),[30].—Taste of blood in the mouth, in the morning after waking (sixth day),[44d].—Too salt taste to all food,[1].—His food, which he generally likes very little salted, he now salts very much, and still it tastes to him as if there were no salt in it,[18c].—***Pasty taste, in the morning,**[1].—Doughy taste in the mouth,[1].—[1140.] Strong taste of Sulphur in the mouth (soon),[29].—Long after-taste to beer,[1].—Absolutely no taste to food, everything tastes like straw,[2].

Throat.—Objective. Swelling of the throat, with stitches in it, while eating; the swelling is also felt externally about the angle of the jaw,[1].—Hawking of blood, with a sweet taste in the mouth,[3].—Hawking, always on deep breathing,[1].—During the day, frequent hawking up of blackish-gray masses of mucus, like what happens when one stays long in a warm room where a lamp is burning (first day),[41a].—Much phlegm in the throat and larynx, in the morning, on awaking (fourteenth day),[45].—Hawking up of thick phlegm several times, at night (seventh day),[45a].—Repeated hawking of thick disgusting mucus, in the evening (thirty-third day),[45a].—[1150.] Hawking of mucus occasionally, at noon (seventy-fourth day),[45b].—Hawking up of thick, jelly-like mucus, in the morning (one hundred and second day),[45b].—Frequent hawking up and blowing from the nose of mucus, in the morning, after awaking (one hundred and fourth day),[45b].—Frequent hawking (two hundred and twentieth day),[45b].—Much mucus in the throat (twenty-ninth day),[18a].—Awakened in the morning by a quantity of mucus accumulating in his throat, and requiring to be hawked up (thirteenth day),[21].—Frequently obliged to raise mucus from the throat, with slight cough,[46].—***Subjective.*** **Dryness of the throat*,[1].—**Dryness of the throat, at night*, and on waking, much mucus on the tongue,[1].—Dryness of the throat; the tongue sticks to the palate, but is moist with frothy mucus (after six days),[1].—[1160.] **Feeling of dryness of the throat, exciting cough (soon)*,[20].—In the morning, dry and warm sensation in the throat (fifth day),[20].—**Dryness in the throat* (third day),[20a].—Feeling of dryness, followed by scraping, in the throat, about 5 P.M., immediately after taking the medicine (tenth day),[44f].—Dry feeling in the throat, about 5 P.M. (eleventh day),[44f].—Dry feeling and scraping in the throat (fifteenth day),[44f].—Dry feeling in the throat, in the afternoon, immediately after taking the tincture (nineteenth day),[44f].—Great dryness of the throat, in the morning, followed by a very salt taste in the mouth, which disappeared after eating,[1].—Roughness in the throat, with some pain, when swallowing (thirteenth day),[15].—Throat rough, immediately after rising, in the morning, then after

some time bloody expectoration and very decided hoarseness the whole afternoon, at last associated with headache, which was especially acute on going to bed,[3].—[1170.] **Throat very rough* (after sixteen days),[1].—Roughness of the throat, with increased accumulation of mucus in it, compelling him to hawk frequently (thirty-second day),[15a].—Feeling of roughness in the throat, and inclination to cough, during the whole day (twenty-third day),[22].—Feeling of roughness in the throat and buccal cavity (forty-first and forty-second days),[22a].—Rough feeling and scraping in the throat (fourth and fifth days); have almost disappeared (seventh day); feeling of roughness in the throat, hoarseness, irritation, causing cough, which results in the expectoration of small round pieces of blue mucus about the size of a pea (eighth day); roughness in the throat (ninth day),[22b].—Feeling of roughness in the interior of the throat (third day),[25e].—On awaking, in the morning, feeling of roughness in the throat, and shooting pains on swallowing; these symptoms disappeared completely by the next day (second day),[26b].—Scraping feeling in the throat, which lasted all day (third day),[18].—Dry scraping sensation in throat,[38].—Scraping in the throat, with irritation to cough, in the evening, in bed,[3].—[1180.] ***Scraping in the throat, hawking and clearing the throat,**[1].—**Scraping in the throat* (first day),[34a].—**Slight scraping in the throat, and irritation to cough* (second day),[45a].—Scraping and rawness in the throat, with thirst, in the evening,[3].—**Rawness of the throat*,[1].—Slight sensitiveness in the throat, in the morning (eighteenth day),[45].—**Sore throat, with swelling of the cervical glands*,[1].—Sore throat, painful deglutition; this pain lasts all day; it is felt in the right ear (fourteenth day),[15].—**Sore throat on empty swallowing, as if she swallowed a morsal of meat*, or as from elongation of the uvula,[1].—**Choking and a sensation of soreness in the throat, as if the tonsils were swollen, with stitches extending into the ears, always only on swallowing*,[3].—[1190.] **A violent sore throat, with swelling and redness of the tonsils, with frequent coughing and dyspnœa, agitation and sleeplessness*,[55].—After dinner pain in the throat, and contraction of the œsophagus (thirty-sixth day),[45b].—Burning in the throat and hot breath, in the morning, on waking,[1].—Burning in the throat, like heartburn, just before the menses,[1].—Coldness in the throat on inspiration,[1].—Pressure as from a plug in the throat, when swallowing and when not,[1].—Pressure in the upper part of the throat, when swallowing, and pain in the upper part of the chest,[1].—**On swallowing, pressive pain in the throat, as from swelling of the palate*,[1].—Slight drawing on the left side of the throat to the shoulder (twenty-third day),[45b].—Constriction in the throat, as from astringents, with small stitches, worse on swallowing,[3].—[1200.] Towards evening, shooting in the throat and headache (first day),[26].—Tickling in the throat, causing him to hawk (immediately),[18d].—Pricking feel in left side of throat, with sensation as of a substance which she could not swallow,[50].—Stitches in the throat, more on empty swallowing than on swallowing food; when not swallowing, pain as from a plug,[1].—***Stitches in the throat, on swallowing**,[1].—When coughing the throat and chest feel cut to pieces,[3].—Swollen sensation in the throat, with hawking up up of a large piece of white mucus,[3].—**A hard ball seems to rise in the throat, and to close the pharynx, and take away the breath*,[1].—On awaking from the afternoon nap, sensation as if a hair were in the throat, but without difficulty of swallowing (twenty-fourth day),[33].—Sensation as if the throat were stretched,[1].—[1210.] After eating anything dry, it remains sticking in the throat, it takes away his breath, and he is obliged to cough it up,[1].—Fermentation in the upper part of the throat,[1].—Feeling in the throat as from

a fatty exhalation from the stomach,[1].—Rancidity, like heartburn, in the throat on swallowing, especially if therewith she presses upon the trachea,[3]. —Disgust and retching in the throat lasting some hours (soon, eighteenth day),[27].—***Uvula and Tonsils.*** Elongation of the uvula; (the uvula is fallen down),[1].—Redness and swelling of the tonsils,[1].—From 6 to 8 P.M., shooting pains in the left tonsil, which, on swallowing, extended into the left ear (fifteenth day),[28c].—***Fauces.*** Swelling of the fauces, with difficult deglutition,[64].—**Feeling of roughness in the fauces and uvula* (third, fourth, and fifth days); worse, especially on swallowing (sixth day); very rough throat (thirteenth day); roughness increased (fourteenth and twenty-ninth days),[40].—[**1220.**] Feeling of roughness in the fauces, in the morning, after awaking (one hundred and fourth day),[45b].—Immediately, slight scraping in the fauces, making him hawk; this lasted about an hour (first, second, and third days),[32].—**Burning in the fauces* (after quarter of an hour, thirty-first day),[33].—***Pharynx and Œsophagus.*** A collection of mucus in the pharynx, of a salt taste, making it necessary for him to expectorate frequently (immediately),[18b].—Pressure in the pharynx, as in the nape of the neck, at intervals, felt through the night till towards morning, even while breathing,[1],—Dryness of the pharynx,[1].—After eating, it seems as if the upper part of the pharynx were closed,[1].—**Spasmodic contractive sensation in the middle of the pharynx, food will not go down*,[1].—Constriction of the pharynx, with a feeling as if she could not swallow food or anything else, which, however, she can (after a few hours),[1].—While eating a sensation as if something pressive remained sticking in the pharynx, again disappearing,[1].—[**1230.**] **Burning in the pharynx, with sour eructations*,[5].—Burning in the pharynx, in the evening, with heat on the tongue,[1]. —Waking at 3 A.M., with aching in the œsophagus, great flow of saliva in the mouth, and clammy taste (as from indigestion), although he had only taken a light supper, with appetite (twenty sixth day); in the morning the gastric symptoms were gone (twenty-seventh day),[28c].—During all the day, tickling in the posterior wall of the pharynx, causing a troublesome hacking (second day),[18].—Roughness in the œsophagus (forty-fifth day),[45a].—***Swallowing.*** **Swallowing was painful, the tonsils somewhat reddened; this lasted two days* (tenth day),[22].—**Painful swallowing* (tenth day),[34a].—Difficulty of swallowing (second day),[26].—***External Throat.*** Painful tension and commencing swelling of the submaxillary gland (seventeenth day); swelling increased somewhat in size, and feels moderately hard and tense (twenty-fourth day); swelling decreased (twenty-seventh and twenty-ninth days); gone (thirty-fourth day),[29].—The right submaxillary gland was again swollen and sensitive to touch, and thus it remained for two days (twelve days),[29a].—[**1240.**] **Submaxillary gland somewhat swollen* (third day),[34a].—Swelling of left submaxillary gland (twelfth day),[34a].—Left submaxillary gland swollen and sensitive to touch (one hundred and second day); the submaxillary gland is swollen, but not tender (one hundred and third day); swelling decreased (one hundred and fourth day); swelling gone (one hundred and fifth day),[45a].—**Needlelike stitches in the submaxillary glands, which are also painful to touch*,[1].—** Violent stitches in the swollen parotid gland, for several days*,[1].

Stomach.—Appetite. ***Increased appetite** the whole first part of the proving,[5].—***Excessive hunger and appetite**,[2].—***Ravenous hunger, which obliges him to eat frequently; if he does not, he has headache and great lassitude, and is obliged to lie down** (after ten days),[1].—Great appetite, which, however, could not be freely indulged; a small quantity of

food caused troublesome distension (second and third days),[17e].—**Appetite much increased* (seventh day),[15].—[**1250.**] The appetite, which had been increasing for some days, is uncommonly good to-day (twenty-first day); increased appetite, so much so that, contrary to custom, he must eat at other times than the accustomed meals (twenty-sixth and twenty-seventh days); appetite diminished (thirty-first and thirty-second days),[35].—**At noon increased appetite* (fifth day); at noon uncommon appetite, which, however, he did not satisfy, but left the table before he was satiated (sixth day); good (seventh day); increased rather than diminished, and he relished breakfast, dinner, and supper amazingly (eighth and ninth days); diminished (tenth day); dinner taken with considerable appetite (eleventh day); appetite much increased (thirteenth day); ate dinner with the best appetite (fourteenth day); uncommon hunger (twenty-third day),[35b].—Appetite uncommonly good (fifteenth day),[43].—**Although he ate a very good dinner, yet in the afternoon, contrary to habit, he became so very hungry that he had to eat again; notwithstanding this, he was again ready for supper* (forty-seventh day),[45a].—**At noon, he had an uncommonly good appetite* (first, second, and third days),[29b]; (second day),[41]; (fourth day),[41b]; (tenth day),[43]; (several days),[45a].—**At noon, good appetite and much thirst* (first day); great appetite (second day),[42].—**Appetite good, but wants to eat often*,[16].—Irresistible desire for sugar,[1].—Sensation of hunger in the abdomen; speedy fulness from a few morsels,[1].—Very much affected, as if he had been hungry a long time, an hour after dinner,[1].—[**1260.**] ***He is hungry, but as soon as he only sees food his appetite vanishes and he feels full in the abdomen; when he begins to eat, he is averse to it**,[1].—At noon, after walking much, I felt hungry without much appetite; without feeling satiated, the latter part of the meal was not relished (second day),[30].—Appetite for dinner unaltered, but afterwards unusual fulness and weariness, relieved by walking in the open air (second and third days),[29a].—Appetite for only soft food, not for bread or meat,[1].—During the whole time of the proving I had little appetite; I ate more from habit than necessity; sometimes, in fact, I had a positive dislike to food, especially to supper, so that I ate nothing,[44d].—Appetite diminished (twelfth and thirteenth days); little appetite (seventeenth day); the appetite was diminished, and after taking but a small quantity of food, he had the feeling as if the stomach was overloaded (twenty-sixth day); appetite diminished, in the forenoon (thirty-first and thirty-third days); appetite diminished; he ate rather from habit than from necessity (thirty-eighth day); appetite diminished (forty-eighth day); little appetite (fifty-second day); at noon the appetite was very poor, and after eating, there was a troublesome feeling of fulness in the stomach and aching in the scrobiculus cordis (fiftieth and fifty-first days),[29].—At noon but little appetite; he ate more from habit than from necessity (third day); at noon little appetite, and no desire to drink water while eating, which he was always in the habit of doing (sixth day); at noon no appetite (ninth day),[29a].—No appetite for breakfast (eighty eighth day),[45a].—Less appetite than usual, at noon (seventy-third day),[45b].—No appetite for supper (third day); little appetite for breakfast; loathed his dinner (fourth day); more appetite, at noon (sixth day),[45c].—No appetite for dinner (ninth day),[32].—[**1270.**] No appetite (third day); anorexia; what she eats has no taste; she has no relish, and the morsel seems to stick in her gullet (fourth day); no appetite (sixth day),[31].—No appetite, and yet the food has the proper taste (third day),[30].—She eats without hunger or appetite, only from habit, with natural taste to food,[3].—At noon, disgust at meat (fourteenth

day),[34a].—*Smoking tobacco is not relished* by one accustomed to smoking,[1].—He cannot tolerate meat or fish, in the evening; it causes pressure in the stomach, draws the abdomen upward, and delays the stool,[1].—*Aversion to meat;* it makes her qualmish,[1].—He suddenly becomes averse to all sweets and to milk,[1].—*Aversion to sour* and sweet things,[1].—In the forenoon, loss of appetite (first day),[25e].—[**1280.**] ***Loss of appetite** (fourteenth day),[16]; (ninth day),[22b]; (seventeenth and following days),[27]; (fourth day),[41e].—***Loss of appetite**; **nothing is relished**,[1].—*Complete loss of appetite;* he desires only acids,[1].—Complete loss of appetite, as if it were contracted in the pit of the stomach,[1].—**Complete loss of appetite*,[65].—**Anorexia* (second day),[26]; (twentieth day),[37].—***Thirst.*** **Thirst*,[76].—Entire loss of appetite, but constant thirst.[1].—Very much thirst during the day,[1 2].—Great thirst, and always more thirst than hunger,[3].—[**1290.**] Great thirst without heat; drink tastes good, but does not quench the thirst, and seems to distress the stomach,[1].—Great thirst, with desire for beer, in the evening (eighteenth day),[45a].—Thirst for several hours, immediately,[5].—Thirst, with dryness and agglutination of the mouth,[5].—Unusual thirst,[57].—Very thirsty, in the morning,[1]; (fifth day),[30].—After stool much thirst (second day),[18d].—Great thirst for beer, worse an hour after eating,[1].—Great thirst for beer,[2].—Longing for sugar-water,[1].—[**1300.**] Desire for coffee (third day),[18].—**Milk caues much distress; it is vomited curdled*,[1].—Dislike to the usual glass of beer, in the evening (seventeenth day),[40].—***Eructations.*** Eructations (tenth day),[26]; (sixth day),[42].—Towards evening, paroxysm of many eructations, with nausea, relaxation of the body, violent rolling in the abdomen, and emission of flatus,[1].—Uprising of the breakfast (after three hours and a half),[9].—Whilst walking in the open air, had eructations and nausea, with feeling of weakness (second day),[22c].—Eructation and inclination to vomit (after first dose, third day),[42a].—Very severe eructation and inclination to vomit (immediately after first dose); eructation less severe (after second and third dose),[42].—Frequent eructation and yawning (eleventh day),[29].—[**1310.**] Eructations as after onions,[1].—Uprising of food an hour after eating,[1].—Occasional eructations and sour taste in the mouth, lasting several days (fifth day),[26a].—Frequent eructation after breakfast (eighth day),[45b].—After breakfast eructations (fifty-fifth day),[45b].—After breakfast occasional eructation (one hundred and thirtieth day),[45b].—Violent eructations from milk till vomiting of mucus,[1].—An hour after taking the medicine, he ate with his usual appetite his usual breakfast, whereupon there occurred, first, eructation of wind, then regurgitation of what he had eaten, nausea, and in half an hour vomiting, which brought up both breakfast and Sulphur (twenty-eighth day),[35].—**Eructations of air* (first day),[33]; (two hundred and twenty-eighth day),[45b].—**Frequent eructation of air* (fourth day),[33].—[**1320.**] **After dinner, eructation of inodorous wind* (ninth day),[22b].—Eructation of wind, immediately (twenty-sixth day),[33]; (thirty-second day),[35].—Frequent eructation of air, in the forenoon (first day),[39b].—Frequent eructation of air after breakfast (sixth day),[45].—Much eructation of air, accompanied in the evening with hiccough (fifth day),[31].—Frequent tasteless eructations of air, in the evening (fifty-third day),[45a].—Tasteless eructation, and very insipid feeling in the stomach (immediately, second day),[41b].—Eructations tasting of the food,[1].—Several times eructation of gas, with the taste of what had been eaten at dinner, after dinner (sixth day),[45a].—Eructation of what had been eaten at noon, in the evening (nineteenth day),[45a].—[**1330.**] Eructations of gas smelling of Sulphur (sixteenth to twenty-first day),[35]; (first day),[37b].—Several eructations smelling of Sul-

phur (first, fifth, and seventh days),[38c]; (first day),[38d]; (two hundred and forty-fifth day),[45a].—Throughout the forenoon, eructations smelling of Sulphur (first to eleventh day),[37].—Frequent eructation with odor of Sulphur (second day),[28b].—In the evening, eructations smelling of sulphuretted hydrogen (thirtieth day),[55].—Frequent eructations of air smelling of sulphuretted hydrogen (fifth day); eructations, with the odor of Sulphur, occurred during the latter part of the trial,[16].—**Eructations, tasting of bad eggs*, with nausea,[1 3].—Eructation with odor of rotten eggs (after dose, (twenty-first day),[22a].—**Acid eructations* (thirteenth day),[15].—Sour eructations tasting of lead,[1].—[1340.] **Sour eructations* several times in the day, with pressure in the pit of the stomach,[1].—**Sour eructations after dinner* (second day),[1].—***Sour eructations frequently during the day,**[1 2 3].—Sour eructations, with much distress in the stomach from acids,[1].—Sour eructations like heartburn (eighth day),[22b],—**Sour eructations after eating*,[1].—When walking in the open air, sour eructation (fifth day),[35b].—Sweetish eructations, in the morning,[1].—Rancid eructations after drinking Weiss beer,[1].—Bitter, rancid eructations of food,[1].—[1350.] Bitter, scraping eructations of milk,[1].—Uprisings of undigested food,[1].—Empty eructations (ninth day),[22b].—***Frequent empty eructations** (tenth day),[1].—***Empty eructations immediately after eating**,[1].—***Empty eructations every morning**,[1].—***Empty eructations with frequent yawning, with prostration**,[3].—Ineffectual eructation on going to bed,[1].—Empty eructation, and sensation as if he were about to have heartburn, after breakfast (fifth day),[22a].—Empty eructation with relief of symptoms (in one hour, first and second days),[35b].—***Hiccough.*** [1360.] Hiccough in the morning, fasting also in the evening, even also in bed,[3].—Hiccough-like eructations, always with pain, in the posterior part of the palate,[1].—Hiccough on going into the open air after eating,[1].—***Heartburn.*** *Heartburn all day*,[1 3].—Heartburn, in the morning; a crawling and burning in the forepart of the chest,[1].—In the evening, heartburn (tenth day),[22a].—Severe heartburn and acidity,[55].—Heartburn for half an hour after taking two soft-boiled eggs (twenty-fifth day),[45a].—Slight heartburn after dinner (fifty-seventh day),[45a].—Slight heartburn, in the afternoon (seventh day),[45e].—[1370.] Severe heartburn after dinner (eighth day),[45e].—Waterbrash, at noon and in the evening, after eating, preceded by pressure in the pit of the stomach,[1].—Waterbrash just before dinner; it makes her dizzy and qualmish, followed by discharge of much water from the stomach,[1].—Waterbrash, with retching and discharge of water from the stomach, in the morning,[1].—Waterbrash twice daily, a working in the pit of the stomach, and retching and rising of much water from the stomach to the mouth,[1].—Waterbrash, in the evening; he is obliged to lie down; water runs from the mouth, and therewith he cannot speak, followed by vomiting of food eaten seven hours previously,[1].—Waterbrash two hours after eating, and eructations and running of water from the mouth, and vomiting of his food, with great nausea and shivering,[1].—***Nausea and Vomiting.*** **Nausea every morning*,[1].—Nausea, even to faintness,[1].—Nausea, not vomiting,[76].—[1380.] **Nausea before mealtime*,[1].—***During stool, in the evening, nausea, as if she would vomit*,[1].—Nausea, in the forenoon (thirteenth day),[15].—Nausea several times during the day (ninth day); nausea, and inclination to vomit several times, in the forenoon (tenth day); nausea towards 2 P.M. (twelfth day),[15].—Transient nausea (second day),[22c].—About noon nausea, coming up from the stomach, with heat of the face (sixth day),[25a].—Nausea; the least thing upsets her stomach,[57].—Nausea, and inclination to vomit, after taking the

medicine (sixth day),[45].—Slight nausea, in the evening (ninth day),[45].—Nausea; inclination to vomit; twisting and turning in the stomach (eighth day),[31a].—[**1390.**] Nausea in the stomach, with trembling of the whole body,[3].—Nausea with eructations, at first like mucus, then bitter rancidity,[1].—Nausea, with accumulation of saliva in the mouth, after breakfast,[1].—Nausea and prostration, with trembling of the limbs, after walking,[1].—Nausea, with colicky pains in bowels,[60].—Extreme nausea,[62].—Qualmish nausea very often, even if she has eaten nothing,[1].—Qualmish nausea, transient but very frequent, during the day,[1].—**Qualmish nausea three mornings in succession*,[1].—At night, qualmish nausea and working at the pit of the stomach, as in waterbrash,[1].—[**1400.**] ***Nausea and qualmishness**,[1].—The mucus that collects in the chest at night causes qualmishness on waking,[1].—Inclination to vomit, at 9.30 A.M. (third day),[45].—Before, during, and after the motion, inclination to vomit (second day),[18A].—Disgust and inclination to vomit all day long (sixteenth and seventeenth days),[22].—**Vomiting*,[5].—She is obliged to vomit as soon as she eats or drinks anything,[1].—Vomiting when coughing,[1].—Vomiting of very salt liquid as clear as water,[1].—Sour vomiting,[1].—[**1410.**] Vomiting, with profuse sweat (after twenty-four hours),[2].—Vomiting of mucus, with retching and qualmishness, in the morning,[1].—Vomiting of blood and black tasteless liquid, with faintlike weakness, on the appearance of the menses,[1].—At 4 P.M., vomiting of about two ounces of an exceedingly acid, colorless, watery liquid; half an hour later, a second vomiting of the same nature as the first; in the course of two hours I had six similar vomitings; I felt as if I should faint; I had taken all day only a single cup of chocolate (thirteenth day); two similar vomitings between 3 and 4 P.M. (fourteenth day),[15].—**In the evening, vomiting of food eaten at noon* (first day),[1].—**Vomiting of food*, in the morning, with trembling of the hands and feet,[1].—Bitter vomiting, in the afternoon, with nausea,[1].—***Stomach.*** Swelling of the pit of the stomach,[1].—Rumbling in the epigastrium (twentieth day),[45a].—Some rumbling in the epigastrium after taking medicine (sixty-second day),[45a].—[**1420.**] *A kind of loss of digestive power* (after seven days),[1].—Digestion somewhat deranged (nineteenth day),[45a].—Great sense of indigestion and weight at pit of stomach after meals,[66].—Feeling of emptiness in the stomach, in the forenoon,[1].—Feeling of emptiness in the stomach (second day),[38b].—Sensation as if hollow in the region of the stomach,[1].—Sinking feel at pit of stomach,[57].—Feeling of flabbiness in the stomach, in the morning (one hundred and sixty-eighth day),[45b].—**Feeling of fulness in the stomach, as if puffed up*, without enlargement of it,[1].—***Feeling as if the stomach were completely full**,[1].—[**1430.**] **Feeling of fulness and swelling in the stomach*, with violent thirst, in the afternoon,[3].—After breakfast, feeling of fulness of the stomach (fifth day),[22a].—Fulness of the stomach, and yet good appetite for dinner (fourth and fifth days); fulness of stomach almost disappeared (seventh day),[22b].—***Feeling of fulness in the stomach** (eighth and ninth days),[22b]; (first day),[33].—**Feeling of fulness in stomach and empty eructation* (second day),[22c].—Disagreeable feeling of fulness in the stomach, lasting half an hour, soon after eating (fifth day),[35b].—**After eating but a little, fulness in the stomach* (fourteenth day),[34a].—About noon, feeling of fulness in the stomach and violent hiccough, lasting a quarter of an hour (fourth day),[33a].—Fulness in the stomach for one hour, which declines on rumbling of the bowels (forty-fifth day),[45a].—An uncomfortable anxious feeling in the stomach, as in nausea (in half an hour, second day),[35b].—[**1440.**] Acids cause anxiety; she cannot tolerate them,[1].—Aching, squeez-

ing, anxious feeling in the pit of the stomach, which gradually changed into a constriction, and at last a burning pain (after twenty minutes, twelfth day),[29].—Pain in the stomach as if disordered,[3].—*The epigastric region becomes extremely painful to touch*, and even the bedcovers cause pain, though food causes no pressure,[1].—Biting pain in the stomach,[1].—After dinner, aching in stomach and forehead (third day),[20].—After dinner, when walking, great weariness and aching in stomach (fourteenth day),[22a].—Aching in the pit of the stomach, and a sensation like scratching in the stomach (in half an hour),[25f].—Aching in the stomach, which lasted half an hour, and was conjoined with a disagreeable feeling of repletion (after two hours, thirtieth day),[33].—Aching in the pit of the stomach (soon, twenty-fifth day); aching and oppression in the pit of the stomach (twenty-sixth day); anxious aching in the pit of the stomach (in one hour, thirtieth day); in the forenoon, severe aching in the pit of the stomach (thirty-third day); aching in the pit of the stomach (forty-seventh day),[29].—[**1450.**] In the morning, on awaking, aching and full feeling in the scrobiculus and gastric region (third day); during the day, aching in the pit of the stomach (third day); in the evening, aching in the pit of the stomach and in the frontal bones (ninth day); in the morning, aching and weight in the scrobiculus cordis (tenth day); in the forenoon, aching in the pit of the stomach and the stomach; returned in a greater degree in the afternoon (twelfth day),[29a].—Aching and feeling of weight in the pit of the stomach (first day),[29b].—Aching and burning in the stomach, in the evening (thirteenth day),[45a].—At night, he was awakened by an aching-tensive pain in the left side of the gastric region; on turning on the right side, the pain gradually went to the right side, and after awhile ceased; at the same time, pain in the small of the back came on (sixty-eighth day),[45a].—Severe aching in the stomach after getting up (one hundred and sixteenth day),[45b].—Severe aching and burning in the stomach, at night, for an hour (one hundred and seventy-second day),[45b].—Aching in the stomach after coffee, which he had taken contrary to custom, in the afternoon (two hundred and forty-fourth day),[45b].—Towards noon, anxious, aching, contractive pain in the cardiac region (two hundred and fifty-second day),[45b].—**Burning in the stomach* a few times a day,[1].—Burning in the stomach and abdomen, mostly while walking and standing,[1].—[**1460.**] Burning in and about the pit of the stomach,[1].—**Burning in the stomach like violent heartburn*,[1].—Burning in the stomach, followed by rumbling in the abdomen and diarrhœa-like stool,[3].—Burning, cutting, and twisting in the stomach,[6].†—After breakfast, the rumbling in the bowels ceases and a warm feeling comes in the stomach (forty-fifth day); awakened by a severe burning and aching pain in the stomach, toward morning; the pain lasted an hour, diminished after the discharge of a great deal of fetid flatus, and went off completely after a loose evacuation (fifty-sixth day); burning in the stomach and along the œsophagus up to the fauces, after breakfast (fifty-seventh day),[45a].—Some burning in the stomach after taking medicine (seventy-sixth day); awakened early by burning contractive pains in the stomach; the pains lasted an hour; after they had left he fell asleep again; the burning pain in the stomach recurred twice in the forenoon in short fits (one hundred and sixth day); slight burning in the stomach soon after taking the medicine (one

† The original from which this symptom was taken reads thus: "Fortis calor in corpore, et dolor in hepate, et tensio intestinorum, et gravido linguæ et stomachi, et solutio plurima ventris."—HUGHES.

hundred and seventh day); in the morning, after waking, violent burning pain in the gastric region; when he turned, the pain went from one side to the other, and went off when he got up (one hundred and twelfth day); burning pain in the stomach, towards morning (one hundred and thirteenth day),[45b].—Very transient burning in the stomach, in the morning (one hundred and seventy-eighth day),[45b].—**Severe burning in the stomach, in the morning* (sixth day),[45c].—Feeling of heat in the epigastric region and hacking in it, while sitting quietly,[1].—Cool feeling in the stomach,[1].—[**1470.**] Feeling of coldness in the epigastric region,[1].—Constrictive pain in the stomach,[1].—Constrictive pain in the stomach all day, with boring in the nape of the neck, aggravated after eating, and with great sensitiveness of the scalp, the day before the menses,[3].—Constrictive pain in the epigastric region takes away her breath,[1].—A constrictive pain in the cardiac region, that had been there for some days, is particularly troublesome today (two hundred and forty-seventh day),[45b].—Constrictive pain in the pit of the stomach and feeling of sickness (soon),[29].—In the evening, tension in the stomach and chest, extending to the back, as if he had eaten to satiety, with pain in the pit of the stomach on touch and pressure,[1].—Cramplike constriction in the pit of the stomach, at noon before eating, taking away the breath,[1].—Compressive pain in the stomach after waking, at night, disappearing on bending up the body,[1].—Screwing-together bruised pain in the stomach, and at the same time on the right side of the lower rib and in the hip,[3].—[**1480.**] Griping in the epigastric region, extending downward,[3].—Clawing in the stomach, in the morning on waking,[1].—Cramps in the stomach, recurring several times in the day, and pretty severe (fourteenth day),[15].—Violent cramp in the stomach for several hours, at night,[1].—Violent cramp in the stomach before dinner, followed by great perspiration till late in the evening,[1].—Pressure beneath the pit of the stomach,[2].—Feeling of pressure in the pit of the stomach (soon, fortieth day),[29].—After dinner, pressure in the stomach (fourth day),[33].—**Pressure in the stomach at night, for an hour, relieved by eructations*,[1].—Anxious pressure in the stomach,[1].—[**1490.**] Heavy pressure in the stomach,[1].—Pressive pain at pit of stomach, with nausea and constant retching and vomiting,[64].—**Pressure in the stomach and beating headache, after midnight*,[1].—**Pressure in the pit of the stomach, causing anxiety, at night, with palpitation, for hours, several nights*,[1].—***Pressure in the pit of the stomach during the menses*,[1]. **Pressure beneath the stomach very violent while lying down*,[1].—Pressure in the stomach, with nausea, immediately,[1].—**Pressive pain in the stomach, with anxiety*,[5].—Pressure in the stomach, with nausea and waterbrash, an hour after eating,[1].—**Pressure in the stomach immediately after eating*,[1].—[**1500.**] Pressure in the region of the stomach after breakfast (fifth day),[22a].—After dinner, pressure in stomach, lasting three hours (twenty-third day),[22a].—Throughout the day, squeezing pressure in the pit of the stomach and in the chest (thirty-first day),[29].—In a quarter of an hour, feeling of pressure and weight in the pit of the stomach (thirty-seventh day),[29].—**Great pressure in the gastric region* (thirty-second to thirty-ninth day); pressive pain in the gastric region went off, but affected the umbilical region (thirty-ninth day),[27].—Intolerable pressure in the pit of the stomach and upper abdomen, in paroxysms, mostly in the morning, somewhat relieved by pressure of the hand, several days (after six days),[1].—**Violent pressure in the stomach a few hours after eating*, the pain extending into the back,[1].—Oppression in pit of stomach less troublesome (thirteenth day),[29].—***Heaviness in the stomach*,[1].—During the forenoon, heaviness and ach-

ing in the pit of the stomach (ninth day),[29a].—[1510.] Aching feeling of weight in the region of the stomach worse (fourteenth day),[29].—After eating, disagreeable feeling of weight in the gastric region (thirty-eighth day),[29].—**Feeling of weight in the stomach* (third and fourth days); repeated feeling of weight, in the evening (fifth day),[16].—**Feeling of weight in the stomach* (second and following days),[26].—In the morning, awoke with feeling of weight in the pit of the stomach (thirty-eighth day),[29].—Painful gnawing in the stomach, then in the abdomen, followed by two stools,[3].—Cutting in the stomach, in the afternoon,[1].—After dinner, shoots in the cardiac region (second day),[20].—Shooting in the scrobiculus cordis, and several times watery diarrhœa (twelfth day),[43].—Shooting in the cardiac region, in the evening (second day),[43].—[1520.] **Stitches in the stomach*,[1].—**Stitches in the pit of the stomach on deep breathing*,[1].—**Stitches in the pit of the stomach*, in the morning while standing,[1].—Frequent stitches, as from needles, in the pit of the stomach,[1].—Frequently a dull stitch extending from the right side of the epigastric region to the lumbar region on every inspiration, in the evening,[3].—Crawling sensation in the stomach, extending up to the throat,[1].—Throbbing in the pit of the stomach, with a feeling of faintness, or while sitting, like a pulse, with orgasm in the chest, as if it would take away her breath,[3].—At 3 P.M., pricking at the stomach (thirteenth day),[15].—After dinner, symptoms in pit of stomach declined (twelfth day),[29].

Abdomen.—Hypochondria. **In the morning, sensitiveness of both hypochondria, which are painfully sore to touch*,[1].—[1530.] Occasional aching and pinching in the bowels, particularly those of the hypochondriac region, in the forenoon (thirty-sixth day),[45b].—**In the morning, sore feeling in both hypochondria, which are sensitive to touch* (fourth day),[44c].—Painful drawing about the hypochondria, in the forenoon (second day),[30].—The liver seemed swollen, which hindered breathing,[1].—***Increased secretion of bile*,[46].—From extraordinarily large doses the action of the liver is very much impaired, bilious vomiting and diarrhœa are caused,[46].—**Dull pain in the region of the liver* (thirteenth day),[15].—**Dull pain in the right hypochondrium, accompanied with a little dry cough* (eleventh day),[15].—Sudden aching in the hepatic region, and under the right clavicle (sixth day),[44d].—Pressure in the liver woke him at night, with yellowness of the white of the eye,[1].—[1540.] **Pressure in the hepatic region*, immediately after dinner,[1].—Violent pressure and constriction in the hepatic region,[1].—Boring pain in the hepatic region, after dinner,[1].—Griping in the right hypochondrium, while walking,[1].—Drawing pain in the hepatic region took away her breath; she was obliged to walk quite bent over all day,[1].—**The hepatic region is painful to touch*,[1].—Tensive and burning pain in the hepatic region,[1].—At noon, a shoot through the liver (from before backwards), so violent as to cause me to start (fourteenth day),[38d].—**Stitches in the hepatic region*, and frequently in the right groin,[1].—**Stitches in the hepatic region*, especially on walking in the open air,[1].—[1550.] **Sticking and stitches in the right hypochondrium*,[3].—*Transient stitches from within outward in the hepatic region*,[1].—**While sitting bent over, fine burning stitches in the right hypochondriac region*,[3].—Throbbing and twitching in the hepatic region, from time to time,[1].—Incarceration of flatus in the left hypochondria, with anxiety,[1].—**Movements of flatus cause painful sticking, especially in the left hypochondrium*,[1].—The disagreeable pressure in the umbilical region went off, but in its stead there came a troublesome pressure in the left hypochondriac region, about 3 A.M., which went off when he got out of bed (twenty-ninth,

thirtieth, and thirty-first days); pressure in left hypochondre disappeared (thirty-second day),[27].—Pressure in the region of the spleen precedes the eructations,[1].—Wandering pressive pain in the left hypochondrium (soon),[29]. —Towards evening, shooting in the splenic region, which went off after lying down (third day),[42].—[**1560.**] **Frequent shoots in the splenic region* (nineteenth day),[17a].—Cramp in the left hypochondrium, before the menses,[1]. —***Umbilicus and Sides.*** Protrusion of the umbilical region in one pregnant, as from the uterus, in paroxysms, lasting a few minutes, while lying in bed, at night (after fourteen days),[1].—Feeling of fulness in the umbilical region (sixteenth day),[29].—**Slight gripes about the navel*, lasting but a short time (soon, nineteenth and twentieth days),[22].—Griping beneath the navel (after four hours, forty-fifth day),[22a].—After luncheon (10 o'clock), *griping round the navel* (nineteenth day),[22a].— About 9 A.M., when walking in the open air, griping in the bowels, especially about the navel, which lasted with greater or less intensity all day long, and only went off about 9 P.M. (fifth day),[22c].—***Griping about the navel, extending up towards the stomach, disappearing on emission of flatus, in the afternoon and evening,**[3].—**At noon, slight griping about the navel, which ceased after discharge of inodorous flatus* (one hundred and seventh day),[45b].—[**1570.**] After each dose such violent pains in the umbilical region that she was obliged to desist from further trials,[19].—On awaking in the morning, transient coliclike pains in the bowels below the navel, as from an accumulation of wind (sixth day),[25].—Tensive pains about the navel (thirty-eighth day),[29].— —**Tension in the abdomen, especially in the umbilical region* (thirty-seventh day),[29].—Awoke with a tension and drawing round in a circle about the navel (twenty-sixth day),[29].—***Tension and pressure in the umbilical region,**[1].—**Pressure across above the navel, with little appetite; cannot sleep at night on account of it,*[1].—Frequent waking, with pains around the navel (forty-seventh night),[29].—**Slight pains around the navel* (thirteenth day),[15]. —In the forenoon, contractive pains about the navel (thirty-third day),[29].— [**1580.**] **About noon, contractive pains below the navel, as if diarrhœa were coming on, recurring three times at half hour intervals; at the same time pressure on the bladder, as if it were forced upon the groins; also a feeling of straining at the sphincter muscles, as in retention of urine* (nineteenth day),[22a]. —A soft stool, followed by pinching in the umbilical region, recurring by fits; a second copious fluid stool. The pinching continues, and is sometimes so violent that it impedes the respiration, and compels him to bend double. At noon, a third semifluid stool, followed by diminution of the pinching pains. In the afternoon he is quite well, except a slight pinching, which comes on occasionally (one hundred and sixty-first day); soon after taking the drops, the above described abdominal pains recurred, and in the course of the forenoon, three fluid stools, after which the bellyache declined (one hundred and sixty-second day),[45b].—Slight pinching about the navel (two hundred and forty-fifth day),[45b].—**Pinching constrictive pain about the navel, while sitting*, disappearing after rising,[3].—In the evening, pinching pains in the umbilical region, which intermitted from time to time, but always recurred more severely, and compelled him to draw up the legs (thirty-seventh day),[35].—Dull shooting-aching pains about the navel (twenty-third day),[29].—Tensive and cutting pains round about the navel, after midnight (fiftieth day),[29].—Frequent awaking, with cutting pains about the navel, and distended abdomen (second night),[29a].—After getting up, cutting about the navel (fourth and fifth days),[29a].—In the morning, cutting pain around the navel, worse on stooping (tenth day),[29a].—[**1590.**]

Burning stitches in a small spot near the navel, for a quarter of an hour,[1]. —Pain, as from incarcerated flatus, in both sides of the abdomen, in the morning, on awaking; flatus passes short and abruptly, without relief,[1].—Stitches partly in the right and partly in the left side of the abdomen,[1].—Tension and throbbing on the right lower rib, only transiently relieved by pressure,[3].—Sticking pain beneath the right short ribs,[1].—**Stitches in the right flank, even taking away the breath*,[3].—Pressure beneath the left ribs,[1].—Slight pinching in the left side of the abdomen (sixty-eighth day),[45a].—Cutting and burning in the left lower ribs,[3].—Falling asleep of the left side of the abdomen, with a sensation of chilliness,[1].—[**1600.**] Heat in the left side of the abdomen,[1].—**Burning stitches in the left flank, in the evening*,[3].—*Stitches in the left side of the abdomen on deep breathing*, and on walking in the open air,[1].—***General Abdomen.*** (Ulcers in the intestines),[6].†—**Distension of the abdomen*,[55]; (ninth day),[44a].—**Distension and hardness of the abdomen, especially in the evening*,[1].—**Fulness and distension of the abdomen, even in the morning, in bed, it disappears after the emission of flatus*,[3].—***Frequent distension of the abdomen**,[1].—**The whole abdomen enormously distended and tympanitic* (next day),[67].—**Between* 10 *and* 11 P.M., *the abdomen was distended with flatus, which had an intolerable smell of sulphuretted hydrogen, and was passed in great quantity, but was soon re-formed to be again passed easily* (second day),[25c].—[**1610.**] **Great distension of the abdomen, with sore pain upon the left os ilii, in the afternoon* (ninth day),[44f].—**At night, distension of the abdomen, griping and frequent emission of flatus, smelling of sulphuretted hydrogen* (third day),[22e].—**Inflation of the abdomen with flatulence* (thirty-second day),[35].—**Distension of the abdomen, rumbling in the bowels** (fourth day),[32].—Distension of the abdomen, after dinner (seventh day),[44d].—**Fulness and distension of the abdomen, and bearing down towards the colon*; after dinner the bearing down increased (twelfth day); awoke with fulness of abdomen (twenty-sixth day); distension of belly, in spite of a great discharge of flatus, smelling of rotten eggs (thirty-second day); towards noon the abdomen swollen and distended; about 6 P.M., the abdomen was distended, and a disagreeable feeling of fulness about the anus was experienced (forty-eighth day),[29].—**In the morning, tension and swelling of the abdomen* (tenth day),[29a].—Distension of the abdomen, after a good stool (sixteenth day); great tightness and distension of the abdomen, after dinner (thirty-third day); distension and sinking feeling in the abdomen, for an hour, in the evening (forty-first day); abdomen somewhat distended, after dinner (forty-second day); distension and rumbling in the bowels (forty-third day); slight distension of the abdomen (fifty-first day); distension of the abdomen, lasting an hour, in the afternoon (fifty-third day); slight distension of the abdomen (seventy-fourth day); distension of the abdomen, after dinner (eighty-first day); great distension of the abdomen, after dinner (ninety-seventh and one hundred and first days),[45a].—Bubbling in the abdomen,[1].—***Rumbling in the bowels** (sixteenth and twenty-second days),[34]; (second day),[38b].—[**1620.**] **Loud rumbling in the abdomen, after eating*,[1].—**Rumbling in the abdomen, after dinner*,[1]. —***Rumbling and gurgling in the abdomen** (immediately),[1].—Great rumbling in the left side of the abdomen,[1].—**Rumbling and gurgling in the abdomen, for almost two hours, in the night*,[3].—Rumbling and movement in the intestines, followed by a thin scanty stool,[46].—**Rumbling in the abdomen*, as from foaming beer, followed by sudden urging to stool, accompanied by cutting

† Put forward only hypothetically by Ardoynus.—HUGHES.

colic; the first part of the stool was hard, the rest liquid, without mucus, in the morning and late in the evening,[5].—**Rumbling and two loose motions* (seventh day),[31a].—Rumbling in the bowels, after the evacuation, at 5.15 A.M. (seventh day),[21].—**Rumbling and pains in the abdomen* (first day),[34]. —[**1630.**] **On waking from sleep, before midnight, rumbling as of great bubbles in the upper abdomen* (ninth day),[21].—**In the afternoon, rumbling and griping in the bowels, with relief by the discharge of very fetid flatus, accompanied by the feeling as if a loose motion was about to be passed* (tenth day),[33]. —In half an hour, rumbling becoming even louder, and great inflation of the abdomen, so that he had to unbutton his clothes (thirty-first day),[35].— **The whole day, rumbling in the bowels* (twentieth day),[44b].—**At night, loud rolling in the bowels, followed by a copious, pappy, yellowish-green, very fetid motion* (second day),[18b].—***At night rumbling in the bowels** (eighth day),[18b]. —Grumbling in the bowels soon after dinner; it did not cease after the afternoon stool (an unusual thing for me), but continued for an hour longer, though less severely (sixth day),[44].—***Rumbling in the bowels** soon after taking the medicine (nineteenth day); *rumbling in the bowels* (forty-fifth day); *rumbling and pinching in the bowels* (forty-ninth day); *much rumbling in the bowels after breakfast* (fiftieth day); *rumbling in the bowels after breakfast* (fifty-fifth day); rumbling in the bowels (fifty-first day); some rumbling and pinching in the bowels after breakfast (sixty-third day),[45a].— Rumbling and gurgling in the bowels soon after taking the medicine (thirty-eighth day); rumbling in the bowels immediately after taking the medicine (fifty-ninth day); rumbling in the bowels after breakfast (one hundred and sixth day); rumbling in the bowels soon after taking the medicine (one hundred and seventh day); rumbling and rattling in the bowels (one hundred and ninety-ninth and two hundredth days); much rumbling and rattling in the bowels (two hundred and fourth day); much rumbling and rattling in the bowels, in the morning (two hundred and forty-second day); rumbling and rattling in the bowels (two hundred and forty-fourth day),[45b].—Rumbling and gurgling in the bowels (fifth day),[45e]. —[**1640.**] ***Much flatulence**,[1].—***Flatulence increased**,[47].—***Emission of much flatus, especially in the evening and night, also having the odor of bad eggs**,[3].—When she has had no stool for a long time, flatus is incarcerated and accumulates in the left side of the abdomen with great pressure, so that she is obliged to cry out on the slightest movement,[1].—***Great emission of flatus, smelling of sulphuretted hydrogen** (fifth day),[46].— ***Very offensive flatus for many days**,[1].—**Throughout the day, great discharge of flatus and rumbling in the bowels** (second day),[30].—***Tormented with flatulence** (third day),[30].—**Discharge of much inodorous flatus* (first day),[18a].—**About* 2 P.M., *discharge of much flatus smelling of rotten eggs, and soon afterwards a liquid stool of the same fetid odor* (ninth day),[21].—[**1650.**] Passage of much flatus of the smell of rotten eggs, after which, symptoms on awaking diminished (twenty-sixth day),[29].—***Emission of much flatus smelling of rotten eggs** (third, fourth, and sixteenth days),[28c]; (twenty-seventh day),[29]; (tenth day),[29a]; (thirteenth day),[34]; (thirty-first day),[35]; (sixty-third, sixty-sixth, ninety-eighth, and one hundred and twelfth days),[45a]. —**Discharge of flatus smelling strongly of Sulphur* (forty-sixth, forty-ninth, fiftieth, and fifty-third days),[45a].—**Frequent discharge of flatus* (first day),[20]. —***Great discharge of flatus** (ninth day),[44a].—Discharge of much flatus (fourth day); great discharge of flatus (fifteenth day),[44a].—Discharge of much inodorous flatus (seventh day),[44d].—Great discharge of flatus (eighth, twelfth, and following days),[45a]; (twelfth, thirty-fourth, and following

days),[45b]; (sixth and tenth days),[45c].—Discharge of much flatus (one hundred and thirty-fourth day),[45b].†—After getting up, discharge of much flatus; in the evening, a recurrence of the discharge of flatus (fourth and fifth days),[29a].—**[1660.]** After dinner, discharge of much flatus (fiftieth and fifty-first days),[29]; (sixth day),[44].—**Pains in the abdomen* (fourth and eighth days),[34].—Pains in abdomen ceased on the occurrence of the diarrhœa, and did not return again (thirty-seventh day),[35].—Pain in the upper abdomen, just beneath the chest, as if everything were loosened and congested with blood, only on motion and breathing,[1].—Pain in the abdomen, which obliged one to bend up,[1].—Occasional abdominal sufferings (for three months),[21].—Pains in the abdomen with every draught of air (eleventh day),[34].—On blowing the nose and coughing, pain transversely across beneath the ribs (in the diaphragm?),[1].—Bruised pain in the intestines after a stool,[1].—Violent pains in the abdomen and small of the back with flatulent distension, in the morning during the menses, with scanty menstrual flow; in the afternoon, the flow is more profuse with diminution of the pains, which are generally relieved by violent motion,[3].—**[1670.]** **First, anxiety in the abdomen, followed by a feeling of weakness of the feet, extending above the malleoli, like an internal trembling,*[1].—Uneasiness in the abdomen after a short sleep (forty-ninth day),[45a].—**Feeling of fulness in abdomen and stomach as if they were too full* (forty-third day),[22a].—Annoying sensation of fulness in the abdomen, which was followed by occasional tension and shooting pains (fourteenth day); feeling of fulness of the abdomen; feeling of distension and bursting of the abdomen, with rigor (seventeenth day); feeling of fulness and tension in the abdomen (fiftieth and fifty-first days),[29]. —**Feeling of fulness and tension in the abdomen; bearing down towards the anus and excessive tickling there* (twelfth day),[29a].—**In the morning, troublesome tension in the abdomen* (twenty-first day),[32].—Feeling of fulness and sinking in the abdomen, which diminishes after discharge of inodorous flatus, in the forenoon (seventy-fourth day),[45a].—**After eating, fulness and heaviness in the abdomen as if overloaded,*[1].—**Fulness in the abdomen as if overloaded, immediately after a little food, with dyspnœa,*[1].—***Fulness of the abdomen** (after four hours, forty-fifth day),[22a].—**[1680.]** **Fulness in the abdomen after eating a little,*[1].—**After eating but little, distressing feeling of fulness in the abdomen* (seventh day),[34a].—***Tension of the abdomen,**[1].—***Tension of the abdomen as from incarcerated flatus,**[1].—***Tension of the abdominal muscles, so that he could not easily straighten up,**[1].—Disagreeable tension in the abdomen, alleviated by diarrhœic motions (thirty-third day),[32].—Blown-up feeling in the abdomen, followed by a semifluid stool (one hundred and ninety-fifth day),[45b].—Tense, pressed sensation in the whole abdomen, especially in the hypochondrium, with anxious hypochondriac mood, a few hours after dinner (after four days),[1].—Distended sensation and tension in the abdomen, every morning on waking,[1].—Immediately, disagreeable tension in the abdomen; liquid evacuations caused relief (ninth day),[32].—**[1690.]** Feeling of sinking in the abdomen (seventeenth, fifty-second, and sixty-ninth days),[45a]; (one hundred and sixty-first day),[45b].—A loose motion, followed by a sinking feeling in the abdomen, after breakfast (seventy-fifth day),[45a].—**Itching about the abdomen after dinner, and on rubbing a griping in the intestines and tenesmus, especially in the groin, as if towards the middle, worse on stooping and deep breathing, better when walking*[1].—**Griping in the abdomen before the morning stool,*[1].—

† Have been for some time relieved of an accustomed hæmorrhoidal trouble.

Before the stool, working and griping in the abdomen, emission of much flatus, at times with pain, as if the anus would be torn apart, with straining at stool or tenesmus after the stool,[3].—***Griping in the abdomen after a stool**,[1].—**Griping in bowels with diarrhœa* (fifteenth day); griping increased (sixteenth day),[16].—Slight griping in the bowels, in the afternoon (third day),[18].—***Griping in the bowels** (soon),[18a].—After the stool, griping in the bowels, which gradually increased in intensity, and continued for a long time in the right side of abdomen (first day),[18a].—[**1700.**] **At night, griping in bowels* (ninth day),[18].—**Griping in the bowels, followed soon by a liquid motion, whereupon the pain ceased* (second day),[20].—**At night, griping in the bowels, followed by two very thin fetid stools* (first day); in the evening, griping in the bowels and frequent fluid stools (third day),[20a].—**About* 4 P.M., *some griping in the bowels, soon followed by a soft, very fetid evacuation; a disagreeable feeling of pressure in the umbilical region, and, notwithstanding the expulsion of much flatus with the smell of sulphuretted hydrogen, tympanitic distension of the abdomen* (sixteenth day); the same symptoms, but they came on in the forenoon and persisted during the whole day (seventeenth and following days); flatulent symptoms decreased (thirty-fifth to thirty-eighth day); recurred to an excessive extent; motions were more fluid (after thirty-nine days),[27].—In the afternoon, occasional returns of the griping in the bowels (twenty-third day); colicky gripings in the abdomen, which lasted all day and all night (twenty-fourth day),[28e].—About 4 P.M., griping in the bowels from the umbilical region to the symphysis pubis, coming in fits (fourth day),[25f].—About 4 P.M., at first some griping in the bowels, then call to stool, followed by a pappy motion of yellowish-green color, in moderate quantity (fourth day),[25g].—Griping in the bowels, in the morning (seventeenth day),[40].—Immediately after taking medicine, gripings in the belly, which frequently return during the day, with feeling as if diarrhœa were about to ensue, and then with fruitless call to stool (eleventh and eighteenth days),[33].—In the night, violent griping in the bowels, which lasted a quarter of an hour (fifth day),[42a].—[**1710.**] Violent griping and tension in the abdomen, from noon till evening,[1].—Severe griping pains in the bowels; fomentations would not relieve her,[64].—Constant burrowing in the abdomen; he had but one stool daily for several weeks,[1].—Violent cramplike pain in abdomen,[59].—Two or three times coliclike pinching, followed by discharge of flatus, about noon (eighteenth day); slight pinching in the bowels with discharge of flatus, causing relief (twenty-second day); slight grumbling and pinching in the bowels, after breakfast (thirty-sixth day); coldness and slight pinching in the belly, after dinner (forty-first day); some pinching in the bowels (fifty-third day); pinching in the belly, followed by discharge of flatus, with relief, in the evening (fifty-seventh day); grumbling and pinching in the bowels (sixty-fifth day); slight pinching and rumbling (eighty-first day),[45a].—After 5 P.M., a pain of contraction and pressing in the abdomen, especially the hypochondria and umbilical regions; in the hypogastrium a feeling of paralysis (ninth day),[21].—Sensation of internal constriction, during a stool,[1].—Sudden constrictive colic, at night,[1].—Spasmodic constrictive colic, extending to the chest, groins, and genitals,[1].—Violent contractive pain in the belly, especially in the uterine region (thirty-first day),[23].—[**1720.**] Drawing pain in the abdomen and in all the limbs, lasting for hours in the arms, for days in the thighs,[1].—**Drawing colic during the menses*,[1].—***Pressure towards the anus**,[1].—***Pressure downward in the abdomen, while lying in bed at night, which woke her**,[1].—**Pressure in*

the abdominal region, as if a hernia would form,[1].—Feeling in the abdomen as if everything pressed forcibly through the intestines,[1].—Cutting in the upper abdomen, as if in the chest,[1].—Cutting in the abdomen before urinating,[1].—Cutting colic after dinner,[1].—Cutting in the abdomen, in the morning in bed (after three days),[1].—[**1730.**] Cutting in the abdomen, beneath the navel (immediately),[1].—Cutting in the abdomen, in the evening, and weakness on ascending steps, as if the menses would come on,[1].—Cutting in the bowels after a motion, that is at first hard and afterwards soft (fifteenth day),[24].—Cutting in the abdomen at various times, even after dinner, with movements in the abdomen, with accumulation of saliva in the mouth, rising up from the stomach, or in the evening with flatulent distension, relieved by emission of flatus, and disappearing after a thin stool,[3].—Cutting in the abdomen and small of the back woke her after midnight, followed by diarrhœa and tenesmus; also three times the next morning,[3].—Violent cutting in the abdomen for a moment,[1].—Violent cutting in the abdomen and great qualmishness, and such profuse perspiration that the shirt and bed were wringing wet,[1].—The cutting in the bowels and sore feeling deep in the abdomen lasted half an hour (second day),[38].—Sticking and cutting in the abdomen woke her about midnight,[1].—Sticking and griping in the abdomen, in the morning,[1].—[**1740.**] ***Transient stitches in the abdomen**,[1].—Stitches, as from needles, in the upper abdomen, in the small intestines, lasting three-quarters of an hour,[5].—Sudden sticking in the abdomen, which shoots through the whole body,[2].—*Sharp stitches in the abdomen, at night*, followed by frequent emissions of flatus,[1].—A few flying shoots from the abdomen into the anus (two hundred and thirty-second day),[45b].—Colic at 9 P.M. (seventh day),[15].—**Colic always after eating*,[3].—***Colic before every stool**,[1].—During the day, colicky pains in the abdomen, which became particularly bad at night in bed, until they were relieved by discharge of flatus (eighth day),[33].—Colicky pains in the bowels, coming on suddenly, with nausea and choleraic feeling,[60].—[**1750.**] **Nightly flatulent colic, with retching, anxiety, and dulness of the head*,[1].—**Colic, after midnight, painful in the sides of the abdomen*,[1].—At night, colic, as if internally bruised and congested with blood,[1].—For some hours, in the evening, continued colicky pains (forty-first and forty-second days),[28c].—Before going to sleep, colicky pains in the abdomen (ninth day),[23].—At night, when lying on her back, she is troubled with colicky bellyache, with cutting in the sides of the abdomen, and drawing together about the navel (fourth day); at night, when lying on the back, she is threatened with another attack of colic like yesterday's, but this goes off on turning quickly on to the side; only some pinching about the navel remains in the changed position; this, however, goes off gradually after passing a good deal of flatus (fifth day),[21].—Colicky pains (sixth day),[34].—Violent colic immediately after eating,[1].—Severe colicky pains in abdomen preceding the menses,[63].—Violent burning in the whole of the abdomen, with anxiety,[11].—[**1760.**] ***The abdominal muscles are painful to touch, as if beaten**,[1].—**The abdomen is painful to touch and on walking, with dull pain in it*,[1].—**Tenderness of the abdominal parietes* (fifteenth day),[29].—**Abdominal parietes sensitive after dinner* (twelfth day),[29].—**The clothes press upon the abdomen*,[1].—**Painful oversensitiveness of the abdomen, as if everything in it were raw and sore, as after childbirth;* therewith everything in it seemed to move, or a sudden sticking in it, shooting thence into the whole head,[1].—**Great sensitiveness of the upper part of the abdomen, so that the clothes press disagreeably, though they are not fastened tighter than usual*

day),[18d].—**In the afternoon, burning in the anus*, distressing (fifth day),[20].—Slight, but transient burning in the anus after moderate exercise (after last two doses),[38].—**After stool, slight burning in the anus*, lasting some minutes (second day),[38d].—**Burning in the anus, when sitting* (eighteenth day),[45].—*In the forenoon, when sitting, burning and aching in the anus, which lasted an hour;* after dinner, flying shoots in the same part (first day); some burning in the anus, in the morning while sitting (seventh day); burning in the anus, in the morning after a good stool (eighth day); great burning and sore feeling in the anus, lasting half an hour, at noon when sitting; in the afternoon, after stool when sitting, the forcing and the pain in the anus occurs in fits; sometimes more, sometimes less severe (sixty-second day); feeling of heat in the anus (sixty-fifth day); when sitting, a peculiar sensation of increased heat in the anus, and a feeling as if a foreign body were there (seventy-second day); burning pains in the anus, in the evening when sitting (seventy-fourth day),[45a].—**At noon, burning pain in the anus, especially troublesome when sitting* (eighth day); much burning in the anus, when sitting after walking (one hundred and sixty-third day); burning in the anus for a considerable time, after a good stool (two hundred and fiftieth day); burning in the anus after a hard stool (two hundred and fifty-ninth day),[45b].—[**1850.**] **Burning in the anus after a good stool, in the morning* (fourth day); sudden burning pain in the anus (eighth day),[45c].—**Pressure and burning in anus;* the burning lasted some time after the motion, so that she could not bear to sit (second day); tenesmus and severe burning in the anus (fourth day); burning in the anus so she cannot sit (fifth day),[31].—Strong bearing-down pains,[64].—***Constant bearing down towards the anus** (sixteenth day); *bearing down towards the anus* (seventeenth and thirtieth days); towards noon, bearing down towards the anus, itching shoots in the anus (fortieth day); bearing down towards the anus, (forty-first and forty-eighth days); violent bearing down towards the anus, soon after dinner (fiftieth and fifty-first days),[29].—Slight bearing down in the anus, in the forenoon (thirteenth day),[45].—***Bearing down in the anus, as if at stool** (second day); while sitting, great bearing down and sore feeling in the anus, which became so bad in an hour that he could scarcely sit; but it went off after dinner (fifth day); great bearing down in the anus, soon after taking the medicine; bearing down in the anus, in the evening when sitting (seventh day); quite severe bearing down, and some fine shoots in the anus, lasting an hour, about noon when sitting (seventeenth day); a painful forcing down, and some acute stitches in the anus, at noon when sitting (twenty-third day); some bearing down and flying shoots in the anus (twenty-eighth day); forcing down and aching in the anus, at noon. This feeling went off completely when walking, in the afternoon, but came back again when sitting, in the evening, but only in fits, for it went off the next instant (thirty-first day); bearing down in the anus, at noon (thirty-third day); bearing down in the anus (forty-first day); bearing down in the anus, in the forenoon when sitting (fifty-fourth day); bearing down in the anus, at noon when sitting (fifty-fifth day); bearing down in the anus, in the evening when sitting (fifty-sixth day); quite severe bearing down, and some fine shoots in the anus, in the forenoon while sitting (fifty-eighth day); considerable forcing down in the anus, which, as usual, suddenly went off, and after a time recurred, at noon when sitting (sixtieth day); forcing and sore feeling in the anus, at noon when sitting (sixty-third day); quite severe bearing down and burning in the anus, after dinner (sixty-fifth day); fits of bearing down in the anus, in

Between 4 and 5 P.M., boring-shooting pain, now in the right groin, now in the spermatic cord, extending to the testicles, now within the inguinal ring in the abdominal cavity, followed by sharp cutting pain in the right great toe (fourth day),[25a].

Rectum and Anus.—Rectum. Prolapsus of the rectum during a stool,[1].—***Burning in the rectum during a stool,[1].—*Burning in the rectum** (forty-ninth day),[45a].—Awoke with feeling of coldness and irritation in the rectum (twenty-sixth day),[29].—Astringent sore pain in the rectum, when lying down,[1].—***Pressure in the rectum,[1].—[1810.] *Painful pressure in the rectum during a (soft) stool,[1].—***_Pressure on rectum and bladder_ (third day),[22b].—***Pressive fulness in the rectum,[1].—***_Constant bearing down in the rectum_ (thirteenth day); _great bearing down, and feeling of fulness in the rectum_ (fourteenth day); bearing down (fifteenth day),[29].—Tearing in the rectum,[1].—***Cutting in the rectum during a normal stool,[1].**—Previous to a good motion, violent cutting, extending far up the rectum (third night),[17e].—In the evening several jerking, lightning-like shoots in the rectum (sixth day)[25g].—At 7 P.M., when standing, several throbbing shoots in the rectum, from the border of the anus through the bowel and into the right hip (sixth day),[25].—***Violent stitches in the rectum, especially in the evening,[1].—[1820.] *Violent sticking in the rectum, even when not at stool, taking away the breath,[1].—*Crawling and biting in the rectum, as from worms while sitting, in the evening,[1].—*Itching in the rectum,[1].—*Violent itching in the rectum, frequently during the day,[1].—*Violent itching in the rectum** (seventh day); itching in the course of the day and evening, which, however, never lasts longer than a minute (ninth day); occasional tickling (tenth day); after walking, itching more frequently, and lasted longer; after stool, itching ceased (eleventh day),[35b].—***_Throbbing pain in the rectum the whole day, after a stool,_[1].—***Anus.*** ***Piles,[68].**—*On the forty-second day hæmorrhoidal complaints set in, which at first attained a great degree of severity, and then gradually subsided; they lasted fully three weeks. They consisted of the appearance of a large pile, which caused a violent burning pain on walking, on being touched, and especially when at stool; sometimes very painful shoots darted out of it through the anus, and in the first days always a little blood was passed at stool,*[46f].—***_Swelling of the anus, with burning itching,_[1].—***_Bleeding from the anus,_** although the motion was quite easily passed (seventh and eighth days),[17a].—[1830.] ***_Discharge of liquid from the anus, followed by fæces, at night during sleep,_[1].—***_Involuntary discharge of moisture from the anus, followed by itching in it,_[1].—Moist pimples in the anus, with smarting and sticking while walking and sitting,[1].—***Increased congestion of the hæmorrhoidal vessels,[47].—*Hæmorrhoids moist,** _even after a natural stool,_[1].—***_Feeling of soreness of the anus, and exudation from it of a viscid, slimy fluid, which probably occasioned the feeling of soreness_** (third day); the borders of the anus were somewhat swollen, and he felt a tickling there as if a worm were creeping about; escape of a small quantity of slimy fluid from the anus (tenth day),[79a].—***_Sore feeling at the anus, and escape of moisture from it; itching in the skin surrounding the anus_** (thirty-second day),[29].—***Violent burning in the anus,[1].—***_Burning in the anus, after sitting awhile_** (fourth day),[1].—***Burning in the anus after a soft, formed stool,** _lasting a few minutes,_[1].—**[1840.] *Burning in the anus after a thin stool,[1].—***_During a stool, burning sensation in the anus, which was red and inflamed and covered with red veins,_[1].—***_In the evening, great burning in the anus and urethra_** (twenty-ninth day),[18a].—***_Before, during, and after the motion, burning in the anus_** (second

shooting in the anus (thirty-fourth day),[40].—In the afternoon, frequent shooting in the anus and neck of the bladder (fourth day),[38d].—**Dull stitch in the hæmorrhoids, so that he started up*,[1].—Towards evening, great tenderness around the anus, and sudden jerking, very painful stitches, first out of the right, then out of the left half of the anus; they were so violent that they made him start from his seat (twenty-fourth day),[29].—Some stitches in the anus (after two hours, sixth day); occasionally in the course of the day, stitches in the anus (seventh day),[38b].—**During the day, frequent stitches through the anus* (second day),[38d].—[**1870.**] Such violent needlelike stitches from the anus up into the rectum, after a difficult, not hard stool, that he almost loses his senses from the pain, followed by chilliness and weakness,[1].—Jerking stitches through the right half of the anus; itching in the anus; feeling as if the anus were sore, swollen, and moist (in three hours, thirtieth day),[29].—At noon, piercing, jerking stitches out at the anus, which was then so sensitive that he could not remain an instant seated (thirty-second day),[29].—In the forenoon, when standing, jerking stitches in the anus (fifty-second day),[29].—At noon, when sitting, a not disagreeable creeping in the anus, lasting an hour (two hundred and forty-fifth day),[45b].—In the morning on awaking, sensation as if a worm crept out of the anus (nineteenth day),[33].—***Itching in the anus,**[1 34 38c 39b 45 45b].—(The itching and burning in the anus, to which he is subject, quite gone), (eightieth day),[45a].—***Itching at the anus, round about it** (second day),[30].—**In the evening, itching in the anus* (sixth day),[33].—[**1880.**] **In the morning, great itching in the anus* (second day),[33a].—**Distressing itching in the anus* (first day),[18a].—In the morning, violent itching in the anus and tenesmus (second day),[20a].—***Itching and sore feeling at the border of the anus** (thirty-fifth day),[29].—**At night, intense itching at the anus*, and the following morning, escape of an acrid itching fluid from the anus (forty-first day),[29].—***Perinæum.*** Constrictive sensation in the perinæum,[1].—Sore pain at the raphe of the perinæum (fourteenth and fifteenth days),[44a].—**Itching in the perinæum, with soft stool* (third day); itching and shooting in the perinæum and anus (fourth day)[38c].—***Urging.*** Urgent desire for stool, yet he was obliged to make great effort before anything was evacuated, though the stool was soft and thin,[1].—Desire for stool mostly after dinner,[1].—[**1890.**] **Desire for stool, with some colic, woke him about* 5 A.M., soon followed by emission of flatus smelling of sulphuretted hydrogen, after which the desire for stool passed off. This was repeated about 7 and about 8, when there were scanty, but consistent evacuations,[46].—**After getting up he had such a sudden call to stool, that he could not get quick enough to the closet, and, in consequence, some fæces escaped prematurely, and yet he had no diarrhœa; but the motion consisted of tough gluey fetid fæces.** *Two hours later a similar stool* (twenty-eighth day),[45a].—***Frequent ineffectual urging to stool,**[1].—**Constant urging to stool and to urinate, with evacuation of a few drops of blood immediately after urinating, and violent stitching in the urethra, with apprehension and discomfort,*[9].—**Excessive urging to stool, even in bed, followed by some diarrhœa,*[9].—At 10 P.M., sudden call to stool, as though he should have diarrhœa, which continued after he had passed a lump of hard fæces (first day),[18a].—Call to stool without result; it was only at noon that he had an unsatisfactory stool (forty-first day)[22a].—Call to stool, and after much effort, a scanty evacuation (second and third days),[29b].—In the morning, call to stool without effect, followed by several shoots in the rectum (third day),[28d].—After dinner, ineffectual call to stool (first day),[39a].—[**1900.**] Pressure at stool, as if the rectum would protrude, with pressure on the

bladder; he was obliged to rise three times at night on account of it,[1].—***Constant pressure to stool, at night; is obliged to rise as many as ten times; can neither lie nor sit on account of sticking and sore pain in the anus; it seems as though everything had been pressed out, with pain, especially on drawing in the anus,**[1].—**Much pressure and tenesmus after stool, lasting an hour; she cannot sit down on account of pain in the anus,*[1].—**Ineffectual straining at stool* (twenty-third day),[29].—***Straining before and after the stool,**[1].—**On going to stool he had to strain for a long time, and has distressing aching in the small of the back* (twelfth day),[18a].—***Straining at stool** (fourth day),[20].—At 3 P.M., straining at stool without evacuation, feeling of dryness in the rectum (eighth day),[21].—**Pressure in the anus and rectum after a soft stool, as after a hard stool,*[1].—***Tenesmus,**[5].—[**1910.**] About 11 A.M., when sitting, slight tenesmus in the anus (one hundred and twenty-fourth day),[45b].—**In the forenoon when walking, frequent tenesmus and forcing down in the anus* (two hundred and fifty-fifth day),[45b].—**Some tenesmus in the anus, when sitting* (eighty-third day),[45a].—**At night, tenesmus and swelling of the piles, which had not occurred for nine years previously* (third day),[20a].—After the evacuation, violent tenesmus, a contraction with flatus pressing forwards in the bowels. This flatus felt like a great sausage lying from left to right above the navel (ninth day),[21].—***In the morning after waking, great tenesmus in the anus, followed by a copious fluid stool;** *after awhile a second, and in the afternoon a third, likewise copious fluid stool* (one hundred and sixty-fourth day),[45b].

Stool. — Diarrhœa. **Diarrhœa for four days* (after forty-eight hours),[1]—***Diarrhœa, with rumbling in the abdomen.**[9].—**Diarrhœa, like water, every half hour, always preceded by rumbling in the abdomen, without pain* (third day),[1].—Diarrhœa six times, even to faintness, at first with heat and warm perspiration, then with cold sweat on the forehead and feet, and white tongue,[1].—[**1920.**] Diarrhœa, with tenesmus and cutting in the abdomen, relieved by application of warm cloths, about 4 and 6 A.M.,[3].—Increased evacuation from the bowels,[46].—** Violent purging and tenesmus, a few hours after she had taken the third teaspoonful, and which continued throughout the greater part of the day following;* the motions were of a whitish appearance, intermixed with frothy mucus,[50].—**In the evening, frequent fluid stools; involuntary evacuation of the stool when sneezing or laughing* (third day),[20a].—**During the day, several diarrhœic stools, with burning in the anus, preceded by gripes* (twenty-ninth day),[18a].—**Frequent frothy diarrhœa, with tenesmus, even at night,*[3].—** Watery diarrhœa, several times* (twelfth day); bowels easily moved (fifteenth day),[42].—About 6.45 P.M., diarrhœa, with some cutting in the abdomen and stitches in the anus (second day),[38d].—In the evening, two liquid stools, with relief to the tension in the abdomen (fourth and ninth days); no stool (fifth and sixth days); in the evening, diarrhœic evacuations (twenty-first day); two diarrhœic motions (thirty-third day),[32].—During the whole time of the proving, two or three evacuations daily, they were loose and smelt stronger than usual,[41b].—[**1930.**] The usual stool delayed, hard, and insufficient (third day); **in the morning, two diarrhœic stools* (tenth day); *diarrhœa, with pretty severe gripings beneath the navel, accompanied by burning and tenesmus in the anus; the diarrhœa lasted four days, and there were from four to six motions daily,* until on the fifth day there was only one motion (after ten days),[22b].—Simultaneously with the spasms, copious discharges from the bowels took place, of the consistence of thin mush, of a dark-gray color, and very fetid,[67].—Four loose motions (second day),[17e].—A most extraordinary copious stool, he thought it would

never end,[60].—**Stool four times a day*, **preceded and accompanied by griping**,[1].—**The stool is evacuated rapidly and almost involuntarily; he cannot rise from bed quickly enough*,[2].—Three stools a day, with mucus,[1].—Costive motions (sixteenth to twentieth day); motions not so hard, easily passed (twenty-sixth and twenty-seventh days); soon after eating, copious, loose, yellow motion, accompanied by emission of a great deal of flatus, smelling of sulphuretted hydrogen; after emptying the mingled urine and fæces out of the utensil, he found a thin sediment, which proved to be Sulphur (thirty-first day); in the afternoon two, and at night one, liquid evacuations, mixed with mucous shreds, with burning pain in the anus (thirty-second day); three more liquid stools, followed by constipation for the next three days (thirty-third day); sudden urgent call to stool, which could scarcely be complied with quickly enough; diarrhœa now set in, and lasted with equal severity for two days, then gradually declined (thirty-seventh day),[25].—At 10 A.M., a second stool of normal appearance, in addition to his usual early motion (first day); at 5.15 A.M., soon after getting up, diarrhœa, yet the fæces are formed, mixed with much mucus, and full of holes; at noon and in the evening, a diarrhœic stool, similar to that in the morning (seventh day); soon after getting up in the morning, and again about noon, a diarrhœic stool as yesterday; at 3 P.M., straining at stool, without evacuation, feeling of dryness in the rectum (eighth day); on rising, in the morning, a diarrhœic stool as on the previous days; a similar one at 11 A.M.; the fæces smelt strongly of rotten eggs, and were lighter colored than usual; at 2 P.M. a liquid stool, smelling of rotten eggs; after 5 P.M., involuntary discharge, like a diarrhœa, of thin fæces, with great anxiety, followed by perspiration (ninth day); at 8 A.M., evacuation of a scanty, thin stool, and after dinner, about 2 P.M., an unsatisfactory but formed motion (tenth day); at 8 A.M., a motion, at first hard, but at last loose, which causes on its passage through the rectum a violent cutting pain; after dinner a motion (eleventh and twelfth days),[21].—Three fluid stools (third day); motions insufficient and of unusual, remarkable hardness (sixth to ninth day); complete constipation (ninth to fourteenth day); three diarrhœic stools, with griping in the bowels, at night (fifteenth day); gripings increased; during the day three, and at night two quite fluid motions (sixteenth day); diarrhœa, accompanied by a troublesome tenesmus (seventeenth day); three loose stools; tenesmus ceased, stool at night less loose (eighteenth day); diarrhœa ceased (nineteenth day); stool again very copious (thirty-first and thirty-second days),[16].—[**1940.**] In two hours, urgent call to stool and loose motion (first day); in a few minutes a motion of the bowels, though previously he had felt no call (second day); soft, insufficient stool (fourth day),[36b].—Call to stool; loose motion, with tenesmus; in the course of the day three diarrhœic stools (third day); a soft motion (seventh, eighth, and ninth days),[36a].—In the morning, soft stool, with emission of much flatus, having the smell of rotten eggs (second day); soft stool, in the morning (third day),[38b].—In the morning, knotty stool (second day); soft stool, with itching in the perinæum (third day); soft stool (fourth day); stool pretty firm and covered with mucus; it slipped quickly through the anus (eighth day); soft stool (ninth day),[38c].—In the course of the day two loose stools (third and fourth days); in the morning a loose stool (fifth day); loose stool (seventh day); about 8 A.M., a very liquid evacuation (eighth day); immediately after dinner, a loose motion, although I had had a normal stool in the forenoon (tenth day),[44d].—At 3 P.M., a copious loose stool, although I had had my usual motion, in the

morning (sixth day); no stool (seventh day),[44].—Unusually easy stool (first, second, and seventh days); hard evacuation (eleventh day),[42].—A soft motion (fourth day),[42a].—**Along with some flatus several drops of diarrhœic fæces were involuntarily discharged.* During the day two watery stools, with slight pinching in the bowels (thirteenth day),[28].—Urgent call to stool, two loose motions (third day); frequent urgent call to stool (fifth day); two loose motions (eighth and tenth days); frequent call to stool; two motions (thirteenth day); two liquid motions (sixteenth day); a loose motion (nineteenth day); a hard motion (twenty-first day); loose motion (twenty-second and twenty-sixth days),[34].—**[1950.]** At 9 P.M., thin-shaped but regular stool, followed by about 20 drops of blood; at 2 P.M., contrary to custom, a second evacuation of fæces, followed by a few drops of blood (twelfth day); in the morning, after a good motion, several drops of blood; at noon a rather liquid stool, without blood, but preceded by griping (fifteenth day); in the forenoon two loose stools (seventeenth day); in the morning, regular stool; after luncheon, soft motion (nineteenth day); loose stool (twentieth day); two soft stools (twenty-first day),[22a].—In the evening, two loose stools (tenth day); fruitless call to stool (eleventh, twelfth, thirteenth and fourteenth days); a loose stool, with itching in the anus (eighteenth day); after constipation had continued for two days, a copious loose motion, with burning in the anus (twenty-seventh day),[33].—Two loose stools (second day); loose motion (fourth and sixth days); two loose motions (seventh, tenth, and twelfth days); a loose stool (fourteenth day); two loose motions (seventeenth day),[34a].—After rising from bed a hard motion, causing a smarting sticking in passage through the rectum (second day); diarrhœic evacuation of a yellowish-green, pappy, slimy mass (fourth day),[25f].—***Early in the morning, four soft stools** (second day),[18d].—Very soft stool and emission of much flatus, smelling of rotten eggs (third and fourth days); the stool was very soft, and was preceded by griping in the bowels (sixteenth day); in the evening, a soft stool (twenty-third day); in the morning, a thin pappy motion (twenty-fourth day); the consistence of the stools was remarkably dimininished during the whole time of proving (after three months),[28c].—***In the morning, a copious, extremely fetid, pappy, yellowish-green stool,** *followed by a feeling of perfect health* (ninth day),[18b].—A soft, very fetid evacuation (sixteenth, seventeenth, and eighteenth days); motions more liquid, and occurred twice a day (nineteenth to twenty-eighth day); motions more fluid (after thirty-nine days),[27].—**Stool soft, very thin*,[1].—**Frequent pasty stool, with cutting in the abdomen*,[5]. —**[1960.]** ***Stool thin every morning, with cutting in the lower abdomen,** *for twenty days*,[1].—Two thin stools, followed by pressure in the stomach, in the forenoon,[1].—**Soft stool, with tenesmus and burning in the anus, in the evening; preceded by distension of the abdomen, followed by emission of hot, offensive flatus, with griping in the small of the back*,[3].—***Frequent soft, semi-liquid stools**,[1].—**Thin pasty stool of a bilious appearance passed involuntarily, with a sensation as if wind would pass*,[1].—**Stool soft, with bloody mucus, preceded by cutting in the abdomen*,[3].—**Blood with the stool, in the evening*,[1].—Loosish evacuation (third day),[24].—Two fluid stools (sixteenth and seventeenth days),[22].—Two loose stools (fourth day),[41e].—**[1970.]** **A very copious, loose stool, at* 9.30 A.M. (third day),[45].—**A hard, insufficient evacuation, followed by burning and sore feeling in the anus* (second day); in the morning, immediately after getting up, a normal stool, followed by straining and discharge of fluid fæces, and raw pain in the anus (third day); two loose stools (twenty-first day); a copious loose motion (twenty-third day); a co-

pious loose stool, followed by sore pain in the anus; a second stool, one hour after the first (seventeenth day); a hard, unsatisfactory stool (thirty-first day); a copious loose motion (thirty-second day); a very solid stool, followed by slight burning in the anus (thirty-third day); a loose stool, in the morning (thirty-fifth day); a copious soft stool, in the morning (thirty-sixth day); fluid evacuation, followed by sore feeling in the anus, one hour after breakfast; a third similar motion, one hour later (thirty-sixth day); a firm stool (thirty-eighth day); a firm stool, followed in an hour by a looser motion (thirty-ninth day); a copious soft stool (fortieth day); a loose motion, followed by aching in the anus (forty-first day); a loose stool, followed by burning in the anus; one hour later a second similar stool (forty-second day); a loose stool, in the morning; after breakfast, inclination to go to stool, which, however, soon went off (forty-fourth day); a loose stool, in the morning, immediately after taking the medicine (forty-fifth day); a half fluid insufficient stool (forty-sixth day); a semisolid insufficient stool, one hour after taking the medicine; about 11 A.M., a second semifluid insufficient motion (forty-ninth day); a copious loose evacuation (fiftieth day); a semisolid insufficient stool, in the morning; a little later, a second semifluid stool, followed by burning in the anus; in the afternoon, another loose stool, followed, when sitting, by full feeling in the anus, which lasted an hour (fifty-first day); a soft stool, followed by burning pain in the anus, after getting up (fifty-fourth day); a loose stool (fifty-fifth day); an insufficient evacuation, in the morning and afternoon (sixty-second day); a copious loose evacuation, after getting up (sixty-third day); half fluid evacuation, one hour after breakfast (sixty-third day); a soft semifluid stool (sixty-fourth day); soft stool (sixty-fifth day); a copious loose stool (sixty-ninth day); an insufficient motion, about noon (seventy-first day); a semifluid motion (seventy-third day); a loose stool (seventy-fourth day); great bearing down in the anus, in the afternoon and evening (seventy-seventh day); copious stool (eighty-first day); in the forenoon, a loose stool, with great relief to the abdomen (eighty-second day); a very costive stool, with congestion of blood to head (eighty-fifth day); a copious loose motion, after getting up; after dinner, another loose motion (eighty-sixth day); in the morning, such a sudden call to stool that he had scarcely time to reach the closet; the fæces were nearly black, loose, viscid, greasy, and had a pungent odor of sulphuretted hydrogen (eighty-eighth day); two copious stools, in the morning (ninety-fifth day); a copious loose stool (ninety-eighth day); a loose stool, followed by aching and burning in the anus (one hundred and third day); a copious loose stool (one hundred and ninth day); a copious loose stool, in the forenoon (one hundred and eleventh day); a copious loose stool, in the morning (one hundred and twelfth day); a loose motion, in the morning, and soon afterwards, when sitting, bearing down and burning in the anus; an hour afterwards, a loose motion, followed by same sensation in the anus (one hundred and nineteenth day),[45a]. —Although he had had a normal stool, in the morning, yet after dinner a second, of good consistence, occurred, a most unusual thing with him (first day); a copious evacuation, in the morning (third day); a copious loose stool, in the morning (fourth day); a quite copious loose evacuation, followed by slight burning in the anus (fifth day); in the morning, a stool passed in small lumps (eighth day); a semifluid stool, in the morning (fifteenth day); in the morning and afternoon, a loose evacuation (twentieth day); a loose motion (twenty-third day); a copious loose stool (twenty-fifth day); in the morning, a loose motion (twenty-ninth day); a copious

evacuation, with some burning pain in the anus (thirtieth day); after breakfast, a semifluid evacuation (thirty-second day); after dinner, a second loose evacuation (thirty-fourth day); during the day two loose stools (thirty-eighth day); in the forenoon, two loose motions (forty-first day); in the morning, a copious, tough, smeary evacuation (forty-third day); a semifluid evacuation (forty-seventh and forty-eighth days); a soft stool (fifty-ninth day); a semifluid stool (sixty-third day); a copious stool, with severe burning in the anus (one hundred and third day); two fluid stools (one hundred and fifth day); a semifluid stool (one hundred and ninth day); an insufficient, difficult stool, with feeling of distension in the abdomen (one hundred and eleventh day); a copious loose motion after getting up (one hundred and thirteenth day); a loose stool (one hundred and fifteenth day); a fluid stool (one hundred and nineteenth day); two semifluid stools (one hundred and twenty-first day); two loose motions, in the forenoon (one hundred and twenty-third day); a copious fluid stool (one hundred and twenty-seventh, one hundred and twenty-ninth, one hundred and thirtieth, and one hundred and thirty-sixth days); a semifluid stool (one hundred and thirty-eighth day); two loose stools (one hundred and thirty-ninth day); a soft stool (one hundred and fortieth day); in the afternoon, at an unusual hour, a copious semifluid evacuation (one hundred and forty-second day); three semifluid stools, during the day (one hundred and fifty-third day); two loose stools, in the forenoon (one hundred and fifty-fourth day); a copious semifluid stool (one hundred and fifty-seventh day); at dawn, after severe pinching, a copious stool; a second stool about 8 A.M.; at noon a third, and in the afternoon a fourth fluid stool (one hundred and sixty-first day); three fluid stools, in the forenoon (one hundred and sixty-second day); two copious semifluid stools, in the morning (one hundred and sixty-third day); a copious fluid stool, without griping, in the morning (one hundred and sixty-fifth day); an insufficient, rather hard stool, in the morning (one hundred and sixty-sixth day); a consistent stool, without pain (one hundred and sixty-seventh day); a firm stool (one hundred and sixty-eighth day); two loose stools, in the morning (one hundred and seventy-ninth day); a copious loose stool (one hundred and eighty-fourth day); a copious evacuation (one hundred and eighty-eighth day); a semifluid stool (one hundred and ninety-fifth day); a loose motion (two hundred and fourth day); two loose stools, in the morning (two hundred and twenty-ninth day); a loose stool, in the morning (two hundred and thirty-fifth day); in the morning, a loose stool, followed by pretty severe burning in the anus, for some time (two hundred and forty-second day); a semifluid stool, followed by burning in the anus, in the morning (two hundred and fifty-seventh day); in the morning, a loose stool, followed in a few minutes by burning in the anus, lasting half an hour; frequent stool (two hundred and seventy-seventh day); a loose stool, in the morning, followed by burning in the anus (two hundred and seventy-eighth day),[43b].—At noon, a second copious, quite thin stool; in the afternoon, two liquid stools (fourth day); liquid stool, in the morning (fifth day),[43c].—(Since taking the Sulphur, the stools have been in quite good order; she had daily one, sometimes two, copious evacuations, whereas, previously, she often had no stool for three or four days) (eighth day),[43].—Bowels very sluggish, and some days not at all moved (third to twelfth day); loose motion (twelfth and thirteenth days); had not his usual motion of the bowels, in the morning (fourteenth day); after passing a hard stool, all the symptoms diminished (fifteenth day); fecal evacuation far from normal,

and sometimes ceased altogether; the fecal matter was sometimes firm, sometimes relaxed (seventeenth to twenty-third day); ineffectual straining at stool (twenty-third day); hard stool about noon (twenty-fourth day); inefficient call to stool (twenty-fifth day); in the morning, after much straining and effort, a motion, at first hard and afterwards loose; awoke with urgent but ineffectual call to stool (twenty-sixth day); in the morning, urgent but ineffectual call to stool (twenty-seventh day); after dinner, a hard stool, followed by sore feeling at the anus (twenty-eighth day); in the morning, ineffectual urging at stool (twenty-ninth day); in the evening, after much straining, a firm motion, accompanied by rigor and cold feeling in the limbs (thirtieth day); in the forenoon, after much effort, a hard stool (thirty-first day); annoying but ineffectual urging to stool, in the afternoon; at night, after much effort, an unsatisfactory stool, with increased emission of urine (thirty-second day); troublesome and ineffectual urging to stool (thirty-third day); evacuation, after great effort (thirty-fourth day); in the morning, urging to stool, and after much effort, an insufficient hard motion; after eating, recurrence of the urging to stool, and after much straining, a soft formed evacuation (thirty-eighth day); in the morning, call to stool, but ineffectual, as nothing but flatus came away; it was only towards noon that, after much straining, a formed soft motion was passed (forty-first day); motions very irregular (forty-first to forty-seventh day); urging to stool; after the greatest straining, passed a scanty, soft, formed stool; towards noon, after much effort, another loose stool (forty-eighth day); after much effort, a hard motion; woke after midnight, with very urgent but ineffectual call to stool (fiftieth and fifty-first days); two soft formed stools (fifty-second and fifty-third days),[29].—During the day, three soft formed evacuations, after great effort (second day); after getting up, after much effort, a soft, formed, insufficient stool; in the evening, a very troublesome but ineffectual call to stool (fourth and fifth days); during the day, two soft formed stools (sixth day); violent but ineffectual call to stool, in the morning; towards noon, after a painful effort, there occurred a scanty motion; the fæces were firm, and of a blackish-brown color (tenth day); in the morning, call to stool, and only after a great effort, an insufficient evacuation of a dark, hard mass (eleventh day); in the morning, a motion after much straining; in the evening, call to stool, and with great effort, evacuation of hard, dark-colored fæces (twelfth, thirteenth, and fourteenth days),[29a].—No stool (third and sixth days); an evacuation of the bowels (seventh day); half an hour after taking the medicine, a motion, at first consistent, afterwards liquid; about noon a diarrhœic evacuation (seventeenth day); a diarrhœic stool, at 7.30 (eighteenth day); no stool (nineteenth and twentieth days); frequent ineffectual call to stool; in the afternoon, a very hard evacuation (twenty-first day); in the morning, fruitless call to stool (twenty-ninth day),[40].—No stool (seventh day); in the morning, a loose stool; about 5 P.M., another loose evacuation (twentieth day); a loose motion, in the morning (twenty-first day); a very liquid evacuation, in the morning (twenty-second day); irregularity of the bowels, sometimes there was no motion, or they were moved later than usual (after thirty-five days); no motion (forty-first day); in the morning, a hard, inefficient motion, which, on its passage through the anus, causes burning-shooting pains there (forty-second day),[44b].—A hard stool, followed speedily by one of ordinary consistence (in his ordinary state he seldom had two evacuations in one day), (third day),[17b].—[**1980.**] **In the morning, afternoon, and evening, always soon after eating, passed a motion, half fluid, half lumpy,*

mixed up with gas, and attended with great noise from flatus (second day); the accustomed motion did not take place (third day); firm stool, with severe pressing (fourth day),[30].—Stool as usual, only it was evacuated more rapidly than usual (second day),[25d].—Diminished consistence of fæces,[25a].—Evacuation, mingled with blood, for several days; the blood came away quite passively and painlessly,[61].—Pasty evacuation, at 11 P.M. (third, fourth, and fifth days),[46].—**Pasty and thin stools, preceded by much sulphurous-smelling flatus,*[46].—Stool containing undigested food,[1].—Stool covered with mucus,[1].—***Very slimy stool**,[1].—Red slimy stool, with fever, loss of appetite, lying down, and colic,[1].—[**1990.**] Stool light-colored,[1].—Stool sour-smelling,[1].—**Stool nodular, but not hard*,[1].—**Stool nodular, mixed with mucus*,[1].—Mucous stool, without fæces, several times a day, mixed with red veins, for several days (after five days),[1].—After getting up, a hard motion, which causes cutting in its passage through the rectum (first day),[25f].—A hard motion in the course of the day (fifth day),[22c].—Stool hard, scanty, clawing, with a sensation as if the rectum would prolapse,[3].—***Stool, with a sensation as if something still remained, and as if the stool had been insufficient**,[1].—***Stool hard, as if burnt**,[1].—[**2000.**] **Stool hard, black, crumbly, as if burnt*,[3].—**Stool hard, with burning pain in the anus and rectum*,[1].—**Stool very hard, followed by pain in the anus*,[1].—About 4 P.M., an unusually hard stool (second day),[25a].—There was the usual morning stool, but to-day it was less in quantity; the first part of the motion was hard and lumpy, and in its passage through the rectum caused a raw, shooting pain; the last part was soft, and of the color and consistence of birdlime (third day),[25e].—Evacuation of tapeworm, with a hard stool,[3].—Frequent evacuation of some threadworms,[1].—Threadworms cause itching in the rectum,[1].—Evacuation of round worms and violent colic, with the hard stool,[3].—**Threadworms passed with the stool*,[1].—***Constipation.*** [**2010.**] Constipation for two days, followed by an involuntary stool, without colic,[2].—***Constipation at times**,[1].—***Extreme constipation**,[63 64].—Bowels obstinately obstructed, for four days, and no action could be produced by various aperients,[51].—Feeling of great constipation and hardness in the bowels,[53].—In the morning, an insufficient motion, followed by burning in the anus, which teased me all day (tenth day); an unsatisfactory stool, in the forenoon (eleventh day); insufficient motions (twelfth to fourteenth day); a scanty evacuation, in the morning (fifteenth day); an insufficient lumpy motion, which, on its passage through the rectum, caused a burning pain there, in the morning (twenty-sixth day); a hard scanty motion, in the afternoon (twenty-seventh day); a lumpy insufficient stool, in the forenoon (thirtieth day); a hard unsatisfactory motion, with burning in the rectum, in the afternoon (thirty-first day),[44f].—The next day the usual morning motion did not occur; it was not till the afternoon that she had an unusually hard stool, accompanied by pressure and burning in the anus (second day); no stool (third day); scanty evacuation, with much tenesmus, and severe burning in the anus (fourth day); irregular bowels (for three months),[31].—No motion of the bowels (fourth day); a motion, but it was so hard that she could only get rid of it by pressing strongly, whereby the anus felt sore, and the evacuation was covered with blood (fifth day); frequent call to stool; nothing passed but a few drops of dark blood, accompanied by burning in the anus (sixth day); in the afternoon, when walking, a clot of blood slipped out of the anus (seventh day); there remained, for a long time afterwards, derangements of the evacuations, as regards both the time of their occurrence and their appearance; they were always hard and lumpy,

and sometimes ceased altogether; the fecal matter was sometimes firm, sometimes relaxed (seventeenth to twenty-third day); ineffectual straining at stool (twenty-third day); hard stool about noon (twenty-fourth day); inefficient call to stool (twenty-fifth day); in the morning, after much straining and effort, a motion, at first hard and afterwards loose; awoke with urgent but ineffectual call to stool (twenty-sixth day); in the morning, urgent but ineffectual call to stool (twenty-seventh day); after dinner, a hard stool, followed by sore feeling at the anus (twenty-eighth day); in the morning, ineffectual urging at stool (twenty-ninth day); in the evening, after much straining, a firm motion, accompanied by rigor and cold feeling in the limbs (thirtieth day); in the forenoon, after much effort, a hard stool (thirty-first day); annoying but ineffectual urging to stool, in the afternoon; at night, after much effort, an unsatisfactory stool, with increased emission of urine (thirty-second day); troublesome and ineffectual urging to stool (thirty-third day); evacuation, after great effort (thirty-fourth day); in the morning, urging to stool, and after much effort, an insufficient hard motion; after eating, recurrence of the urging to stool, and after much straining, a soft formed evacuation (thirty-eighth day); in the morning, call to stool, but ineffectual, as nothing but flatus came away; it was only towards noon that, after much straining, a formed soft motion was passed (forty-first day); motions very irregular (forty-first to forty-seventh day); urging to stool; after the greatest straining, passed a scanty, soft, formed stool; towards noon, after much effort, another loose stool (forty-eighth day); after much effort, a hard motion; woke after midnight, with very urgent but ineffectual call to stool (fiftieth and fifty-first days); two soft formed stools (fifty-second and fifty-third days),[29].—During the day, three soft formed evacuations, after great effort (second day); after getting up, after much effort, a soft, formed, insufficient stool; in the evening, a very troublesome but ineffectual call to stool (fourth and fifth days); during the day, two soft formed stools (sixth day); violent but ineffectual call to stool, in the morning; towards noon, after a painful effort, there occurred a scanty motion; the fæces were firm, and of a blackish-brown color (tenth day); in the morning, call to stool, and only after a great effort, an insufficient evacuation of a dark, hard mass (eleventh day); in the morning, a motion after much straining; in the evening, call to stool, and with great effort, evacuation of hard, dark-colored fæces (twelfth, thirteenth, and fourteenth days),[29a].—No stool (third and sixth days); an evacuation of the bowels (seventh day); half an hour after taking the medicine, a motion, at first consistent, afterwards liquid; about noon a diarrhœic evacuation (seventeenth day); a diarrhœic stool, at 7.30 (eighteenth day); no stool (nineteenth and twentieth days); frequent ineffectual call to stool; in the afternoon, a very hard evacuation (twenty-first day); in the morning, fruitless call to stool (twenty-ninth day),[40].—No stool (seventh day); in the morning, a loose stool; about 5 P.M., another loose evacuation (twentieth day); a loose motion, in the morning (twenty-first day); a very liquid evacuation, in the morning (twenty-second day); irregularity of the bowels, sometimes there was no motion, or they were moved later than usual (after thirty-five days); no motion (forty-first day); in the morning, a hard, inefficient motion, which, on its passage through the anus, causes burning-shooting pains there (forty-second day),[44b].—A hard stool, followed speedily by one of ordinary consistence (in his ordinary state he seldom had two evacuations in one day), (third day),[17b].—[**1980.**] **In the morning, afternoon, and evening, always soon after eating, passed a motion, half fluid, half lumpy,*

mixed up with gas, and attended with great noise from flatus (second day); the accustomed motion did not take place (third day); firm stool, with severe pressing (fourth day),[30].—Stool as usual, only it was evacuated more rapidly than usual (second day),[28d].—Diminished consistence of fæces,[28a].—Evacuation, mingled with blood, for several days; the blood came away quite passively and painlessly,[61].—Pasty evacuation, at 11 P.M. (third, fourth, and fifth days),[46].—**Pasty and thin stools, preceded by much sulphurous-smelling flatus*,[46].—Stool containing undigested food,[1].—Stool covered with mucus,[1].—***Very slimy stool**,[1].—Red slimy stool, with fever, loss of appetite, lying down, and colic,[1].—[**1990.**] Stool light-colored,[1].—Stool sour-smelling,[1].—**Stool nodular, but not hard*,[1].—**Stool nodular, mixed with mucus*,[1].—Mucous stool, without fæces, several times a day, mixed with red veins, for several days (after five days),[1].—After getting up, a hard motion, which causes cutting in its passage through the rectum (first day),[22e].—A hard motion in the course of the day (fifth day),[22e].—Stool hard, scanty, clawing, with a sensation as if the rectum would prolapse,[3].—***Stool, with a sensation as if something still remained, and as if the stool had been insufficient**,[1]. — ***Stool hard, as if burnt**,[1]. — [**2000.**] **Stool hard, black, crumbly, as if burnt*,[3].—**Stool hard, with burning pain in the anus and rectum*,[1].—**Stool very hard, followed by pain in the anus*,[1].—About 4 P.M., an unusually hard stool (second day),[25a].—There was the usual morning stool, but to-day it was less in quantity; the first part of the motion was hard and lumpy, and in its passage through the rectum caused a raw, shooting pain; the last part was soft, and of the color and consistence of birdlime (third day),[22a].—Evacuation of tapeworm, with a hard stool,[3].—Frequent evacuation of some threadworms,[1].—Threadworms cause itching in the rectum,[1].—Evacuation of round worms and violent colic, with the hard stool,[3]. —**Threadworms passed with the stool*,[1].—***Constipation.*** [**2010.**] Constipation for two days, followed by an involuntary stool, without colic,[2].—***Constipation at times**,[1].—***Extreme constipation**,[63 64].—Bowels obstinately obstructed, for four days, and no action could be produced by various aperients,[51].—Feeling of great constipation and hardness in the bowels,[55].—In the morning, an insufficient motion, followed by burning in the anus, which teased me all day (tenth day); an unsatisfactory stool, in the forenoon (eleventh day); insufficient motions (twelfth to fourteenth day); a scanty evacuation, in the morning (fifteenth day); an insufficient lumpy motion, which, on its passage through the rectum, caused a burning pain there, in the morning (twenty-sixth day); a hard scanty motion, in the afternoon (twenty-seventh day); a lumpy insufficient stool, in the forenoon (thirtieth day); a hard unsatisfactory motion, with burning in the rectum, in the afternoon (thirty-first day),[44f].—The next day the usual morning motion did not occur; it was not till the afternoon that she had an unusually hard stool, accompanied by pressure and burning in the anus (second day); no stool (third day); scanty evacuation, with much tenesmus, and severe burning in the anus (fourth day); irregular bowels (for three months),[31].—No motion of the bowels (fourth day); a motion, but it was so hard that she could only get rid of it by pressing strongly, whereby the anus felt sore, and the evacuation was covered with blood (fifth day); frequent call to stool; nothing passed but a few drops of dark blood, accompanied by burning in the anus (sixth day); in the afternoon, when walking, a clot of blood slipped out of the anus (seventh day); there remained, for a long time afterwards, derangements of the evacuations, as regards both the time of their occurrence and their appearance; they were always hard and lumpy,

and often accompanied by burning in the anus,[31a].—An unsatisfactory hard stool, in the forenoon (sixth day); no stool (seventh day); an unsatisfactory stool, after a good deal of effort (eighth day); no stool (ninth day); an unsatisfactory stool, after much effort, in the afternoon (twelfth day); no stool (fourteenth day); unsatisfactory stools, and sometimes constipation of several days' duration (till twenty-first day),[44a].—No stool (first and second days); stool, with burning in the rectum (third day); in the morning, a very firm motion (fourth day),[39].—[**2020.**] No stool (third and fourth days); in the evening, a hard evacuation (fifth day); a firm motion, in the evening (eleventh day); no stool (eighteenth, nineteenth, and twentieth days),[37].—No stool (sixth day); after great straining, an evacuation (seventh day); no stool (eighth, ninth, and tenth days); call to stool, and after much effort, an evacuation (eleventh day); no stool (twelfth day); bowels moved (thirteenth day); no stool (fourteenth day); motion, with great effort (fifteenth day); no stool (sixteenth day); bowels moved every other day, without effort, and motion moderately firm (after twenty-five days); regular (after thirty-eight days),[35b].—About noon, the bowels having been constipated for two days, fruitless call to stool (third day); in the afternoon, after violent straining and cutting in the anus, a scanty evacuation, and afterwards a sensation as if the mucous membrane were pressed out (fourth day); constipation had lasted three days, whereupon he took a cold-water enema, which produced an evacuation (eighth day),[33a].—Since morning, two alvine evacuations, one of them hard and difficult; at 9 P.M., a third evacuation, without consistence (seventh day); no stool (eighth day); constipation (ninth day); hard difficult stool (tenth day); two soft stools, in the morning (eleventh day); no stool (twelfth day); stool difficult and very knotty (thirteenth day); **difficult stool, on rising* (fourteenth day),[15].—***Stool unsatisfactory, scanty,**[1].—***Stool only every two, three, or four days, hard and difficult,**[1].

Urinary Organs.—Kidneys and Bladder. **Violent pain in the region of the kidneys after stooping a long time,*[1].—**He felt as if the urine was retained by contraction of the sphincter muscle of the bladder, although it seemed as if it must come away in consequence of the pressure on the bladder, and yet only a short time previously he had emptied his bladder;* the same sensation in the anus (third day); the pressure on bladder and anus continue all day long, although he had a normal stool at noon (fourth day); pressure on bladder and anus have almost disappeared (seventh day),[22b].—**Hard pressure upon the bladder,*[1].—**Pressure on the bladder, as if it were too full, without call to make water* (nineteenth day); pressure on bladder (forty-fifth day),[22a].—[**2030.**] Aching in the region of the neck of the bladder, lasting half an hour, about 11 A.M. (eighth day),[44f].—Aching at the right side, in the region of the bladder, about 3 P.M. (twenty-fifth day),[44b].—**Dragging in the bladder, in the morning, after rising, after urinating,*[3].—About 6 P.M., flying shoots in the vesical region, and feeling of soreness on pressing it (fourth day),[33a].—In the morning, on making water, many fine stitches (as with needles) in the region of the neck of the bladder, and several more violent stitches through the anus (second day),[38d].—Stitches in the bladder or in the lower abdomen,[1].—***Urethra.*** Redness and inflammation of the orifice of the urethra,[1].—Dribbling of prostatic fluid in long threads from the urethra after micturition and stool,[1].—Discharge of prostatic fluid,[1].—**A feeling in the urethra as if he were constantly obliged to urinate,*[1].—[**2040**] **Burning in the urethra, even when not urinating,*[1 3].—***Burning in the urethra while urinating,**[1].—**Burning in the*

forepart of the urethra while urinating,[1 3].—**Burning in the forepart of the urethra when not urinating,*[1].—**In the evening, great burning in the urethra and anus, with frequent urging call to make water, and burning at the mouth of the urethra during micturition* (twenty-ninth day),[18a].—At 10 P.M., an intolerable burning in the whole urethra, as if pepper had been sprinkled on it (fifth day),[18c].†—**Scalding on making water, in the morning* (seventh day),[44b]. —Smarting in the female urethra,[1].—**Pains in the urethra, as in the beginning of gonorrhœa,*[1].—After midnight he must get up to pass water; on doing so, pain in the front of the urethra (eighteenth day),[34].—[**2050.**] Slight shooting in the urethra (seventy-seventh day),[45a].—Occasional shoots in the urethra, in the morning (second day),[18d].—In the evening, sudden shooting itching in the navicular fossa of the urethra (second day),[25b].—**In the morning on passing water, flying shoots in the urethra* (nineteenth day),[34a].—**Painful shoots in the urethra, with rigor* (seventeenth day),[29].—**A painful shoot along the urethra,* about 5.30 P.M. (tenth day),[44f].—Some painful shoots in the urethra, in the afternoon, immediately after taking the tincture (nineteenth day),[44f].—**Painful shoots in the front of the urethra,* in the evening when sitting (third day),[42a].—Towards evening, sudden shoots in the orifice of the urethra (fourteenth day),[33].—About noon, some sharp shoots in the urethra (third day),[25e].—[**2060.**] **Frequently recurring shoots in the urethra,* which are sometimes limited to a small spot, sometimes extend to the pubes (second and third days),[18a].—In the evening on urinating, a violent shoot through the urethra up to above the pubes (second day),[18]. —Cutting in the urethra before and during a stool,[5].—Cutting in the urethra, as if the urine were acrid, like corrosive lye, at the close of urinating and afterward,[1].—Stitches and cutting in the urethra, and in the lower abdomen,[1].—***Stitches in the forepart of the urethra,***[1].—***Transient sticking pains in the urethra** (ninth day),[1].—**Sticking and tearing in the urethra,*[1].—Tickling in the urethra, in the evening (nineteenth day),[44f].—***Itching in the middle of the urethra,***[1].—[**2070.**] **Itching at the mouth of the urethra, as at the commencement of gonorrhœa* (fourth day),[20].—***Micturition.*** ***Constant desire to urinate, also scanty discharge,***[1].—**Constant call to void urine,*[17b].—**Constant desire to urinate; a few drops pass involuntarily,*[1].—**Great desire to urinate, with burning in the urethra,*[1].—He woke with violent desire to urinate after an emission, which was not relieved after an evacuation of much urine, on account of irritation of the urethra (in the bladder),[1].—Violent desire to urinate, though he had drank nothing for a long time (after two hours),[1].—Violent desire to urinate; was obliged to urinate immediately, else the urine was passed involuntarily,[1].—***Excessive desire to urinate, at night,***[1].—**Frequent desire to urinate, which he could scarcely resist a moment,*[1].—[**2080.**] ***Frequent sudden desire to urinate; he was obliged to urinate frequently,***[1].—**Frequent call to make water (almost hourly), which had to be quickly obeyed, in the afternoon and evening* (twelfth day),[44a].—After getting up, urging to make water, with cutting pain (as in strangury) over the symphysis pubis (first day),[25f].—***Frequent sudden desire to urinate,***[1].—**Frequent sudden call to make water;* increased flow of dark-colored urine (sixteenth day); frequent urination, the urine the color of sherry wine (twenty-fourth day); urinary secretion increased, urine of a bright-yellow color (twenty-fifth day); urine of a bright color, was passed in considerable quantity; in the night, great flow of water, after which the symptoms diminished (twenty-sixth day); frequent emis-

† A drop of Tinct. canthar. in water removed this symptom instantaneously.

sion of urine the color of sherry (thirty-first day); frequent and increased emission of urine (thirty-second day); in the morning, urine larger in quantity than usual, of a light-sherry color, and sp. gr. 1019; in the evening, urine discharged in greater quantity than usual, had the color of white wine, and a sp. gr. of 1015 (thirty-eighth day); the urine passed after eating, in small quantity, had the color of dark sherry, and a sp. gr. of 1026 (fortieth day); in the morning, urine passed in considerable quantity, had a dark-sherry wine color, and a sp. gr. of 1008 (fifty-first day),[29].—**Obliged to rise twice, at night, to urinate*,[1].—**He was obliged to rise after midnight, to urinate; passed much urine*,[1].—**Frequent urination* (eighth, ninth, and tenth days),[17c]; (ninth day),[18a]; (thirteenth day),[44a].—**Frequent urination, and generally much at a time* (sixth day),[44b].—Frequent urination, in the forenoon (first day),[39b].—[**2090.**] Frequent urinating, with a feeling of warmth in the urethra,[17b].—**Frequent urination, sometimes as often as every half hour*, but generally with scanty discharge of urine (twenty-fifth day),[44b].—In the evening, frequent urination, almost every half hour (fifth day),[44c].—**Frequent urination, about every hour; a great deal of urine was always passed at once* (twentieth day),[44f].—Towards evening I had to make water about every hour, and each time passed a great deal (twenty-seventh day),[44f].—In the afternoon, frequent micturition; the urine greatly increased in quantity (about two quarts within five hours), (first day); urine increased (third day),[39a].—Frequent passage of small quantities of urine as clear as water (seventeenth day); frequent call to make water, with feeling of an obstruction in the sphincter muscles of the bladder on doing so (eighteenth day),[22a].—Very frequent micturition, nearly every half hour, with voluptuous pressure reaching as far as the anus,[4].—She is frequently obliged to urinate, always preceded by cutting in the lower abdomen,[1].—Frequent, difficult, painful, scanty micturition,[9].—[**2100.**] Secretion of urine scanty (ninth to fourteenth days); frequent passing of urine; at night he was awakened by the call to pass water (twenty-first day); frequent call to urinate (twenty-second day); increased flow of urine ceased (twenty-third day),[16].—***Frequent evacuation of urine** (after six days),[1].—* *Watery urine is frequently passed*,[1].—Frequent and copious evacuation of pale urine, with but little odor (only towards the end it had a mouldy smell), (second day); flow of urine less frequent and scanty (third day),[30].—***At night, a remarkable quantity of urine passed** (fourteenth day),[33].—**Secretion of urine very much increased throughout the day* (seventh day),[44h].—In the evening, after drinking beer, passes a great quantity of urine (ninth day),[22b].—An increase of the urinary secretion, not during the day, but in the evening and at night. Every night I had to urinate once or twice, and the fourth night I passed nearly two quarts (first four days); urinated twice during the night (sixth day),[44].—**Increased flow of water* (second and third days),[17e 28a 28c].—***Great flow of urine, at night** (seventh and two hundred and fifty-fourth days),[45b].—[**2110.**] **At night, frequent and copious discharge of urine* (twenty-fourth day),[45b].—***Urine increased, especially at night**,[3].—The flow of urine increased during the whole time of proving (after three months),[28c].—During micturition the urine passes very forcibly,[1].—Urine passes while emitting flatus,[1].—Urine passes on coughing,[1].—* *Urine decidedly increased* (tenth day),[15].—Profuse secretion of urine of a dark-yellow color (ninety-second day),[45a].—Some difficulty in urinating (sixty-seventh day);† dysuria; it required an effort to empty the bladder (seventy-eighth

† On urinating after waking, in the morning, I notice for the first time in my life an interruption while urinating; usually my urine passed in a large and vigor-

day); the urine passed in the morning did not flow in a full stream, but by jerks (eighty-eighth day); the urine flows in the morning in a weaker stream than usual (ninety-first day); the urine is passed in a slow interrupted stream (ninety-third day); the urine flows in a weaker stream than usual (one hundred and ninety-ninth and two hundredth days),[45b].—Slow evacuation of urine twice, at night,[1].—[**2120.**] **Stream of urine much thinner than usual*,[1].—* *The stream of urine intermits*,[1].—***Urine.*** * *Urine copious and rather reddish* (twelfth day),[15].—* *Urine scanty* (first thirty-six hours),[1 3].—Blood passes with the urine, which is very slimy,[1].—* *Urine very offensive*,[1].—The urine has the odor of sweaty feet,[1].—The urine passed before going to bed smelt like chamomile tea,[17b].†—The urine was of a light-sherry color, and its sp. gr. 1015 (second day),[29a].—Urine dark-brown,[1].—[**2130.**] The urine passed at night is quite muddy, and has a copious sediment (ninetieth day),[45a].—The water passed during the night was cloudy, and of a penetrating, disagreeable odor (third day),[39b].—***Urine turbid**,[1].—* *The urine is turbid when passed* (after a few hours),[1].—Water became very thick and sedimentous,[60].—Urine like yeast, muddy, turbid, scanty,[76].—White mealy sediment in the urine,[1].—Urine whitish, even when passed,[1].—Reddish sediment in the urine,[1].—In the evening the urine is red, and deposits much sediment over night,[3].—[**2140.**] *A fatty pellicle upon the urine*, for seven days,[1].—

Average Table.	In health.	While taking Sulphur.
Urine, amount in twenty-four hours,	2653.000 grams.	2868.000 grams.
Comprising water,	2595.426 "	2808.718 "
" solid matter,	57.574 "	59.282 "
" urea,	21.820 "	23.323 "
" uric acid,	0.216 "	0.249 "
" mucus,	0.285 "	0.473 "
" incinerated salts,	26.392 "	25.649 "
" phosphates,	2.513 "	1.963 "
" organic salts and extractives,	8.861 "	9.538 " [46].—

Average Table.	During Sulphur.
Urine, general amount, increased,	167.712
Comprising water, increased,	169.094
" solid constituents, diminished,	1.382
" urea, increased,	9.623
" uric acid, increased,	0.544
" mucus, increased,	0.318
" inorganic salts, increased,	3.435
" phosphates, increased,	1.122
" organic salts and extractives, diminished,	14.670,[46].—

The nitrogenous constituents of the urine were decidedly increased after the use of Sulphur; the urea rose from 31 grams to 42 grams; the uric acid rose from 0.3 to 1.2 grams; the quantity of mucus was about doubled. In another case the urea rose from 25 to 27 grams; the uric acid from 0.6 to 0.8; mucus from 0.2 to 5.4 in spite of increased evacuation from the bowels. In another case the urea rose from 23 to 25 grams; the stable salts, earthy phosphates, unstable salts, and extractives sometimes increased, sometimes diminished,[46].—On the 22d of December, 1845, I examined the

ous stream, but to-day, after the interruption, I was obliged to make an effort to pass the second half of the urine.

† This symptom occurred frequently during the proving.

urine passed in the evening, in regard to its chemical constituents. It had a very pale white-wine color, and almost the appearance of so-called spastic urine; when first passed, and after standing some time, it was equally pure and clear, and had a specific gravity of 1018, that is, less than normal; a marked acid reaction; an increased quantity of uric acid; a smaller quantity of nitrate of urea than normal; earthy phosphates increased; a large quantity of sulphates; a normal quantity of chlorides; phosphate of soda in large quantity; uroxanthin diminished. The morning and evening urine of the 23d of December had a specific gravity of 1015 and 1016, little ammonia, much free uric acid, and nearly a normal proportion of sulphates. The urine examined on the 24th of December had a specific gravity of 1021, that of the 28th of December, 1010, and that of the 31st of December, 1021. As regards their constituents, however, they exactly agree with the urine of the 22d of December. The urine passed in the morning of the 7th of January, 1846, was of a dark-sherry color, clear, deposited no sediment, had a strong acid reaction, and a specific gravity of 1017. The earthy phosphates, sulphates, and uric acid were increased, the chlorides normal, the urea lessened. The morning urine of the 8th of January was pale bright-yellow, clear, without sediment, acid; it had a specific gravity of 1020. The earthy phosphates, the sulphates, the phosphate of soda, and the uric acid were increased, the chlorides normal. The morning urine of the 9th of January was pale-sherry color, clear, without sediment, specific gravity 1021. The uric acid and all the salts increased, only the chlorides normal, the uroxanthin abundant, the urea diminished. The morning urine of the 14th of January had a specific gravity of 1019; the sulphates and the uric acid were very abundant. The morning urine of the 15th of January had a specific gravity of 1023, and a great deal of uroxanthin; otherwise similar to that of the previous day. From the 20th to the 31st of January, I made almost daily quantitative and qualitative analyses of the urine. The morning urine was usually of a pale-sherry color, clear, and without sediment; the urine passed after dinner, or in the evening, was dark-sherry color. The specific gravity on the 20th was 1015, and the following five days 1022. It had generally a strong acid reaction; abundance of uroxanthin; the urea was, as a rule, diminished, the chlorides generally normal, the earthy phosphates somewhat increased, the phosphates of soda and sulphates much increased; the uric acid was deposited in much greater quantity than in the normal state, but was of very loose texture, and hence a large quantity weighed very little. Thus the urine of the 22d of January contained in 1000 parts 943.6 of water, and 56.4 of solid constituents, and among the latter uric acid formed only the 0.365th part. The urine of the 21st of January contained in 1000 parts 949.6 of water, and 50.4 of solid constituents, of which the sulphates formed the 0.65th part. The urine on the 28th of January was also of a bright-yellow color, clear, without sediment, strongly acid, its specific gravity 1016, but otherwise resembled that of the previous days. The qualitative analysis showed in 1000 parts 961.6 of water, and 38.4 of solid constituents. The uric acid was abundant. I took 22 grams of urine, prcipitated the sulphates, and obtained 0.14 parts of sulphate of potash, which, consequently, in the proportion of 1000 parts, showed the presence of the considerable quantity of 5.6 parts. On heating recently emitted urine in an ammonia apparatus, the vapor arising tinged the litmus-paper blue, and the same reaction took place on adding caustic potash, which expelled the ammonia. Thus for three days there was free ammonia in my urine, which does not and should

not occur in normal urine, and is to be ascribed to the action of the Sulphur. The urine of the 29th, 30th, and 31st of January was of a dark-sherry color, clear, and without sediment, had a specific gravity of 1018, 1019, and was not changed by heat; the urea was as usual small in quantity, the chlorides normal, the earthy phosphates abundant, the sulphates, and the phosphate of soda very copious. The uric acid, which was deposited in great quantity, was combined with ammonia. In the urine of the 30th and 31st of January were traces of iron; there can be no doubt that it came from the blood by a peculiar process of excretion, probably induced by the excess of Sulphur,[29].

Sexual Organs.—Male. Resistance in the genitals to complete emission of semen,[1].—***Penis.*** Sore feeling, burning, and smarting on the glans and inner surface of the prepuce, which parts are somewhat reddened (fifth and sixth days); a small pimple on the glans (sixth day). Respecting his sensations from the 5th to the 28th of August, during which time he took no medicine, he says: "The itching and smarting on the prepuce and glans continued to increase; it is with the greatest difficulty I can refrain from scratching and rubbing; the pimple on the glans is gone. During this time, the skin of the prepuce desquamated; the inflammation extended along the whole penis to the pubes; the itching and smarting were very violent and tiresome. The desquamation of the epidermis, which recurred every six or seven days, lasted several months,"[26c].—Pimples below the glans penis, which open and suppurate,[12].—For several weeks, in spite of repeated washing every day, a very fetid smegma was deposited in considerable quantity on the glans, causing a tiresome burning and itching,[39a].†—**Prepuce and glans penis icy cold*,[1].—[**2150.**] Phimosis, with oozing of offensive mucus under the prepuce,[4].—The penis seems discolored, bluish, and is always cold, and the prepuce is retracted,[4].—The penis is stiff and hard like leather; on its inner surface it is shiny, and secretes a thin, disgustingly offensive ichor,[4].—The prepuce hangs long over the glans, and is divided into four or five lobes by furrows,[4].—Redness and swelling of the prepuce,[1].—**Burning and redness of the prepuce*,[1].—Continued erections, with vivid, not lascivious dreams, at night (first day),[18b].—Cramplike pain in the glans penis and in the angle of the left lower jaw (first day),[18a].—**Stitches in the penis*,[1].—Sticking in the penis, in the morning, when urinating, especially in the glans, as if the urethra were pierced; at first the urine dribbles, afterwards it is retained,[2].—[**2160.**] ***Itching on the glans penis**,[1].—Violent itching in the glans penis and the mouth of the urethra (thirty-second day),[18a].—During the night, violent itching of the foreskin, making him scratch, and followed by a voluptuous sensation (thirty second day); itching moderated (thirty-fifth day),[22a].—***Testicles.*** **The testicles hang down flabby* for several weeks,[1].—**Testicles and scrotum very much relaxed, in the evening in bed*,[1].—The epididymis is thickened and swollen,[1].—**Pressure and tension in the testicles and spermatic cords*,[1].—About 7 P.M., drawing in the right spermatic cord and testicle (twelfth day),[25c].—Some shoots in the left testicle and left sole (fourth day),[21e].—Needlelike stitches in the testicles,[1].—[**2170.**] Tingling in the testicles and genitals,[1].—***Emissions.*** Emission, with burning pain in the urethra,[1].—

† When a child, I had been frequently tormented by the collection of a viscid fluid between my foreskin and glans, which occasioned intolerable itching and burning there; indeed, the whole urethra was not unfrequently sympathetically affected, when the passing of water was attended by the most violent pains.

Emission in an old man who had had none for several years (sixth night),[1]. —Emission in the midday sleep, while sitting, in a man seventy years old, who had not had the like for twenty years (after five hours),[1].—**Several emissions* (first night),[1].—Profuse emission of watery semen,[1].—Two seminal emissions, at night (fiftieth and fifty-first days),[29].—At night, seminal emissions and voluptuous dreams (twelfth night),[29a].—At night (as was the case on several previous nights) a pollution (twenty-seventh day),[34].—At night an emission, without being able to remember if he had a lascivious dream (twenty-third day),[35b].—[**2180.**] Impotency, even with amorous fancies, in a man,[1].—***Desire.*** **Excitement of sexual desire*,[1].—***Increased sexual power** (after fifty-six hours),[1].—Troublesome sexual desire without actual erection (twenty-ninth day),[18a].—Great desire for an emission without erections,[1].—**At night, uncommon sexual excitement* (twenty-seventh day),[29].—**Very urgent sexual desire for the last few days* (one hundred and thirty-eighth and one hundred and eighty-eighth days),[45b].—**Very active sexual feeling, at night* (two hundred and thirty-sixth day),[45b].—Very importunate sexual excitement (fourteenth day),[34].—Extremely voluptuous desire in the inner genitals, in the morning after waking, with erections for an hour and a half, at first strong, at last weak, which changes to a burning pain, which gradually disappears after emission of semen (after twenty-four hours),[1].—[**2190.**] **The sexual power was weakened all the time of the proving and for long afterwards* (after three months),[25c].—**Sexual power remarkably diminished* (sixth day),[29a].—***Almost entire loss of sexual desire**,[4].—***Female.*** Almost daily some bloody discharge from the uterus for several weeks after the return of the long-suppressed menses (after three days),[1].—Inflammation of one labia, with burning pain, mostly while urinating,[1].—A sore spot on the pudenda, and one on the perinæum, lasting ten days,[1].—Painless blisters on the pudenda externally,[1].—**Discharge from the vagina, which bites like salt*,[1].—**Very profuse leucorrhœa* (second day),[1]. —Leucorrhœa preceded by colic (thirteenth day),[1].—[**2200.**] Leucorrhœa two days before the menses,[3].—Leucorrhœa, fourteen days after the menses, lasting two days, like nasal mucus,[1].—**Leucorrhœa, that makes the pudenda sore and causes burning pain* (second day),[1].—Thin leucorrhœa, in the morning after rising, preceded by griping in the abdomen,[3].—Yellowish leucorrhœa, preceded by griping in the lower abdomen,[1].—**Feeling of weakness in the female genitals*,[1].—**Continued bearing down in the genitals* (twenty-ninth day),[23].—Contractive pains in the region of the uterus, towards the pudenda, resembling the sensation preceding the catamenial flux; they lasted from morning till night (twenty-eighth day),[23].—Sensation of soreness in the vagina during coition,[1].—**Burning in the vagina so that she could scarcely sit*,[1].—[**2210.**] Burning in the pudenda without itching,[1].— **Itching in the vagina from time to time*,[1].—**Frequent itching and moisture on the mons veneris*,[1].—**Distressing itching in the female genitals, with papular eruption about them*,[1].—**Violent itching on the clitoris*,[1].—Menses fourteen days too soon,[66].—Menses eleven days too early, preceded by cutting downward in the lower abdomen,[3].—Menses seven days too early and more scanty (after fifteen days),[1].—The menses came on almost immediately, seven days too early,[1]. — **Menses two days too early* (after thirty-four hours),[1].—[**2220.**] Menses one day too early, very profuse, with violent pain in the abdomen and small of the back, preceded by chilliness over the whole body,[3].—Menses came on too early by several days, a thing quite unusual, preceded by severe colicky pains in abdomen,[63].—Menses came on at the proper time, but with bearing-down pains from the small

of the back into the groins, which had never occurred before; they lasted the usual time; no alteration was perceptible in their quantity or quality (ninth day),[31a].—Menses more profuse than usual, thick, black, and so acrid that they cause soreness of the thighs,[3].—Increased menstrual flow, which has a sourish odor,[1].—***The menses, after lasting two days and a half and flowing profusely, stopped immediately,**[13].—Menses two days too long and too profuse,[3].—The catamenia came on at the proper time; they were so profuse on the following day that she had to keep her bed; no pain, however, attended them; the blood was black, clotted, and as sticky as glue (twenty-first day); discharge still profuse (twenty-third day); gone (twenty-seventh day), (in her normal state, the catamenia usually last three days and are scanty). In the afternoon, the catamenia came on and the pains were relieved; they lasted this time, as usual, three days; the flow of blood was less, and its quality as usual; she, however, felt much pulled down, was very irritable, and all exercise tired her more than usual (thirty-first day),[23].—***Menses two days too late, with constipation and distended abdomen,**[1].—**Menses two days too late, with a sick feeling and oppression* (ninth day),[1].—[**2230.**] **Menses three days too late,*[1].—Menses ten days late, lasting eight days, with pains the first days,[3].

Respiratory Organs.—Larynx. The larynx feels swollen,[1].—Swollen gland on the thyroid cartilage, which is painful to touch,[1].—Tickling in the larynx and bronchial tubes (thirty-second day),[45a].—Tickling in the larynx (two hundred and twentieth day),[45b].—**Drawing and dryness in the larynx at times,*[1].—Crawling in the larynx; talking causes cough,[1].—A painful thrust in the larynx when coughing,[1].—Sensation as if mucus stuck in the glottis (fifteenth day),[22].—***Voice.*** [**2240.**] **Hoarseness, in the evening,*[1].—***Hoarseness, in the morning,**[3].—Hoarseness and complete loss of voice (after twenty-four hours),[1].—**Hoarseness and roughness of the voice, with dryness of the throat and burning on swallowing,*[3].—In the evening, slight hoarseness (first day),[20a].—**Hoarseness* (first day); in the morning, hoarseness (third day); in the evening (ninth day); frequent attacks of hoarseness (twenty-sixth day),[34].—**Hoarseness* (fifteenth, sixteenth, and seventeenth days),[22]; (third day),[25e]; (fourth and eighteenth days),[34a].—**Very hoarse voice* (seventeenth day),[40].—**Voice hoarse* (eleventh and thirty-second days); hoarse voice, in the morning (thirtieth day); some hoarseness (one hundred and first day),[45a].—**In the morning, hoarse voice and irritation of the throat;* these symptoms went off about noon (forty-fourth day); rough voice (seventy-ninth day); hoarse rough voice, in the evening, for some hours (one hundredth day); hoarse voice, in the evening (two hundred and fortieth day); in the forenoon, roughness of voice; speaking requires an effort (two hundred and forty-first day); rough voice, in the evening (two hundred and forty-third day); roughness of the voice, lasting all day (two hundred and forty-fourth day); during the day, voice somewhat rough (two hundred and forty-sixth day); hoarseness, in the forenoon (two hundred and fifty-first day); roughness of voice (two hundred and fifty-second and two hundred and sixty-fifth days); severe hoarseness, in the afternoon (two hundred and seventieth day); rough hoarse voice, in the afternoon and evening (two hundred and seventy-sixth day); rough voice, at noon (two hundred and seventy-ninth day),[45b].—[**2250.**] Deeper tone of the voice (third day),[25e].—Catarrhal voice, with a stopped sensation in the root of the nose, in the morning,[3].—Talking is a very great effort and causes pain,[1].—***Cough and Expectoration.*** Coughing,[70].—Some cough (forty-fifth day),[22a]; (twenty-third day),[40].—**Some cough,*

caused by roughness of the throat (forty-first day),[22a].—He wanted to cough and could not; it became black before his eyes,[1].—Inclination to cough, after eating, so violent that he cannot cough soon enough; it draws his chest spasmodically together, and he retches as if he would vomit,[1].—Provocation to cough, in two or three attacks, with every breath, worse in the afternoon,[1].—Frequent coughing and sneezing (third day),[20a].—[**2260.**] Frequent coughing with the sore throat,[53].—A violent cough came on in the afternoon; it instantly went off as soon as she went into the open air, but if she returned to the warm room, the cough returned with increased violence (third day),[43].—Cough, in the evening in bed, just before the menses; she was obliged to rise in order to obtain relief, whereupon it disappeared,[1].—**Short cough, in the evening, while sitting asleep*,[1].—**Much cough when going to sleep, with heat in the head and face, and cold hands*,[1].—**Cough only at night*,[1].—**Cough at night* (first day); dry cough (second night); at night she required to cough frequently, and could not fall asleep again for a long time (third day); frequent cough during the day; very wearying cough occasionally (fourth day),[42a].—**Cough, accompanied by shooting pains in the chest*, in the afternoon (thirtieth day),[29].—***Cough always caused by rawness in the larynx**,[1].—***Dry cough woke him from sleep, at night**,[1].—[**2270.**] **Dry cough, that did not permit him to sleep, only at night*,[1].—Sudden dry cough, as if the lungs would be torn out, with aggravated headache,[3].—Dry cough during the day, with stitches in the right side of the abdomen, with stopped catarrh,[1].—Dry cough in the evening, and also at night, and afterwards towards morning, with some expectoration, and a sensation of small bubbles bursting internally,[3].—A constant irritation, causing dry cough (third day),[25e].—**Dry cough, with hoarseness, dryness of the throat, and fluent coryza, with discharge of clear water*,[3].—A little dry cough, with dull pain in the right hypochondrium (eleventh day); the cough is a little more frequent (twelfth day); cough more frequent than yesterday (thirteenth day); dry cough, as on the preceding days (fourteenth day),[15].—From 5 P.M. onwards, a frequent dry cough, which does not appear to result from any chill, as the thermometer has risen ten degrees to-day (second day); in the morning, pretty severe cough, with some whitish mucous expectoration (third day),[41a].—***Dry cough a long time, in the evening in bed, before falling asleep, and worse than during the day**,[1].—At noon dry cough, which lasted a quarter of an hour (sixteenth and seventeenth days),[28c].—[**2280.**] In the evening a dry cough came on, excited by a tickling in the throat, and lasted a whole hour (sixteenth day),[28d].—At night, after going to bed, a very troublesome dry cough, which lasted uninterruptedly nearly a quarter of an hour, whereby one or two lumps of albuminous-looking blue mucus were expectorated (fourteenth day),[28c].—**Short, dry, violent cough, with pain in the sternum, or with stitches in the chest*,[1].—Dry short cough, while walking in the open air,[1].—Short dry cough, in fits, frequently recurring (ninth day),[28c].—Dry short cough, only on walking in the open air,[1].—An attack of tickling cough, which lasted nearly half an hour, and went off after expectorating a good deal of phlegm, about 6 P.M. (tenth day); tickling cough, which lasted about five minutes, and ceased after expectorating tenacious phlegm, about 6 P.M. (twenty-third day),[44f].—Short hacking cough, with sore burning in the pharynx, aggravated in the open air, disappearing after lying down,[3].—Hacking cough a whole hour, immediately after lying down, in the evening, on account of which she became hot; woke her about 3 o'clock,[1].—Occasional expectoration of thick phlegm, in the forenoon (fifteenth day);

in the morning (sixteenth day); coughs up occasionally some thick mucus, in the morning (eighteenth day),[45].—[**2290**.] A violent attack of cough, with expectoration of thick phlegm, and a feeling of rawness in the trachea, at night (third day); expectoration of much thick viscid phlegm, in the morning (fifth day); a short dry cough, as from irritation in the trachea, after taking the medicine (sixth day); frequent expectoration of a thick phlegm, in the evening (eighth day); repeated expectoration of phlegm from the larynx, in the morning (ninth day); expectoration of thick mucus several times, at night (tenth day); a slight irritation in the larynx, causing a dry cough; during the day, frequent dry tussiculation, with only occasionally expectoration of phlegm (eleventh day); repeated expectoration of phlegm, in the morning; during the day frequent cough (twelfth day); frequent expectoration of phlegm; frequent dry short cough, in the afternoon and evening (thirteenth day); occasional cough, with sore pain in the chest and expectoration of thick phlegm, in the morning (sixteenth day); repeated expectoration, by coughing, of phlegm, in the morning after waking (seventeenth day); repeated expectoration of phlegm, in the morning after waking (eighteenth day); much expectoration of phlegm, in the morning after waking; frequent dry short cough, after dinner (twentieth day); frequent expectoration of phlegm, in the morning (twenty-first day); frequent violent cough, owing to an irritation deep in the air-passages, in the evening; cough generally dry, only sometimes there is a thick mucous expectoration (twenty-first day); frequent expectoration of mucus, in the morning after waking (twenty-second day); frequent cough, sometimes dry, sometimes with expectoration of phlegm, in the morning (twenty-third day); frequent expectoration of mucus, in the morning (twenty-fourth day); occasional coughing up of phlegm, in the morning; frequent short dry cough, in the evening (twenty-fifth day); several times severe cough, sometimes with expectoration of thick phlegm (twenty-sixth day); cough, as on the preceding days, in the morning after waking; frequent dry tussiculation (twenty-seventh day); coughing up of phlegm several times, in the morning (twenty-eighth day); frequent dry tussiculation (twenty-ninth day); frequent severe cough; about 1 A.M., violent cough, caused by a constant irritation in the trachea, and lasting nearly an hour (thirtieth day); frequent cough, generally dry, and only seldom with expectoration of phlegm, in the morning; much cough, in the evening (thirty-first day); frequent coughing up of phlegm (thirty-second day); occasional coughing up of phlegm, in the morning (thirty-third day); occasional coughing of mucus, in the morning; occasional expectoration, and blowing from the nose of thick phlegm, in the morning (thirty-fourth day); occasional cough, with expectoration of thick phlegm (thirty-fifth day); frequent cough, with expectoration of thick phlegm, in the morning (thirty-sixth day); cough, with expectoration of phlegm, several times in the morning (thirty-seventh day); expectoration of mucus, in the morning (thirty-eighth day); severe cough, in the morning (thirty-ninth day); frequent cough, with expectoration of thick phlegm, in the morning (fortieth day); frequent coughing up of mucus, in the morning (forty-first day); repeated coughing of phlegm, in the morning; during the day frequent cough, sometimes short and dry, sometimes with copious expectoration of phlegm (forty-second day); frequent cough, sometimes short and dry, sometimes with expectoration of thick phlegm (forty-third day); coughing of phlegm, in the morning (forty-fourth day); frequent cough, sometimes dry, sometimes with expectoration of mucus (forty-fifth day); several times, coughing up of

mucus (forty-sixth day); frequent coughing up of mucus, in the morning; dry cough, sometimes (forty-seventh day); cough, with the expectoration of phlegm, in the morning; frequent dry short cough, after dinner (forty-eighth day); occasional coughing up of phlegm, in the morning; frequent short dry tussiculation, in the evening (forty-ninth day); coughing up of mucus, in the morning (fifty-first day); frequent mucous expectoration (fifty-second day); occasional cough, in the morning (fifty-third day); irritation in the trachea, occasioning a severe dry cough, for half an hour, in the morning in bed (fifty-fourth day); coughing up of mucus, several times, in the morning (fifty-fifth day); frequent cough, with the expectoration of mucus (fifty-sixth day); an occasional cough, in the morning (fifty-seventh day); occasional cough; frequent short dry cough, in the evening (fifty-eighth day); occasional cough, with the expectoration of phlegm, in the morning (sixtieth day); occasional cough with phlegm; occasional dry tussiculation (sixty-third day); coughing of phlegm, in the morning (sixty-fourth day); occasional coughing of phlegm, in the morning (sixty-fifth day); after getting up, tickling in the larynx, lasting half an hour, and causing a violent dry cough (sixty-seventh day); occasional coughing of phlegm (sixty-ninth day) occasional coughing up of mucus (seventy-first day); cough, with phlegm, in the morning (seventy-second day); occasional cough with phlegm (seventy-fourth and seventy-fifth days); a few coughs, with thick phlegm, in the morning (seventy-sixth day); frequent severe cough (seventy-seventh day); occasional coughing up of phlegm, in the morning; frequent severe (spasmodic) dry cough, from fulness of chest, at noon (seventy-seventh day); frequent cough, thick mucous expectoration (seventy-eighth day); a little cough, in the afternoon (seventy-ninth day); occasional cough, with thick mucous expectoration, at noon (eightieth day); occasional coughing of phlegm, in the morning (eighty-first day); frequent coughing up of mucus (eighty-third day); great irritation to cough, soon after taking the medicine; after dinner, great irritation to cough, and sudden shaking cough (eighty-fifth day); occasional cough, in the morning (eighty-seventh day); about 2 A.M., he was awakened by a very violent fit of coughing; this was brought on by an irritation in the trachea; it came on in fits, was barking, generally dry, and only sometimes with mucous expectoration; in an hour the cough gradually subsided, and he fell asleep again; occasionally coughing of mucus, in the morning; in the evening, frequent severe dry cough (eighty-ninth day); occasionally coughing of phlegm, in the morning (ninetieth day); at night, some violent fits of spasmodic cough; these fits came on suddenly, were accompanied by a contraction of the air-passages, and went off as suddenly after a few violent coughs; the cough was usually dry, only occasionally there was a serous expectoration (ninety-first day); occasional violent cough, in the morning; frequent short, broken, dry tussiculations (ninety-third day); occasional moderate cough, in the morning (ninety-fourth day); frequent short dry tussiculations (ninety-fifth day); occasional coughing of phlegm, in the morning (ninety-seventh day); the usual loose cough, in the morning (ninety-eighth day); occasional cough (one hundred and first day); he was awakened early, in the morning, by a dry, convulsive violent cough, which lasted an hour, and after going off, left a soreness of the whole chest (one hundred and second day); occasional coughing up of mucus (one hundred and third day); a few coughs, with expectoration of phlegm (one hundred and fourth day); occasional coughing of mucus, in the morning (one hundred and fifth day); occasional tussiculation, in

the evening (one hundred and sixth day); coughs less mucus, in the morning (one hundred and ninth day); occasional cough with phlegm (one hundred and twelfth day); coughing of mucus, in the morning (one hundred and thirteenth day); occasional violent cough, sometimes dry, sometimes with phlegm, in the morning (one hundred and fourteenth day); occasional cough, in the morning (one hundred and fifteenth day); about midnight, he was awakened by a violent attack of coughing; the cough came on in fits, and was generally dry (one hundred and fifteenth day); occasional cough, with phlegm, in the morning (one hundred and twenty-first day),[45a].—Occasional coughing up of mucus, in the morning (fifth day); in the morning, on awaking, cough several times, with mucous expectoration (seventh day); in the morning occasional cough, with expectoration of mucus (thirteenth day); occasional mucous expectoration (fourteenth day); expectoration of mucus, in the morning (fifteenth and sixteenth days); occasional coughing of mucus (seventeenth day); mucous cough (nineteenth day); frequent dry tussiculation (twentieth day); a few mucous coughs (twenty-first day); mucous cough, in the morning (twenty-second day); occasional mucous cough, in the morning after waking (twenty-third day); occasional short dry cough, in the morning (twenty-fourth day); occasional coughing of mucus (twenty-fifth and twenty-sixth days); after dinner, repeated short dry cough (twenty-ninth day); in the morning, after awaking, occasional coughing up of thick mucus (thirtieth day); in the morning, coughing up of thick mucus; after dinner, short dry tussiculation (thirty-first day); coughing of mucus, in the morning (thirty-fifth day); slight mucous cough (forty-second day); occasional coughing of mucus, in the morning (forty-fifth day); coughing of mucus (forty-seventh and forty-eighth days); coughing of mucus, in the morning (forty-ninth, fifty-third, and fifty-fourth days); several times coughing of mucus (fifty-sixth day); occasional short dry cough (fifty-ninth day); occasional coughing of mucus, in the morning (sixtieth and sixty-second days); occasional coughing of mucus (sixty-seventh day); coughing of mucus, in the morning (sixty-third and sixty-fifth days); frequent dry cough, in the morning (sixty-ninth day); occasional coughing of mucus, in the morning (seventieth, eighty-second, eighty-third, and eighty-fourth days); frequent short dry cough, in the morning (eighty-seventh day); some mucous cough, in the morning (eighty-ninth, ninetieth, ninety-first, and ninety-second days); coughing of mucus (ninety-eighth day); coughing up of thick jellylike mucus (one hundred and third day); dry tussiculation, in the morning (one hundred and fifth day); in the morning, after getting up, occasional coughing up of thick mucus (one hundred and sixth day); slight coughing up of mucus, in the morning; occasional short dry tussiculation (one hundred and seventh day); occasional coughing up of mucus, in the morning (one hundred and eighth day); frequent dry tussiculation (one hundred and eleventh day); coughing up of mucus, in the morning (one hundred and thirteenth day); occasional expectoration of mucus, in the morning (one hundred and fifteenth day); occasional coughing up of mucus, in the morning; frequent short dry cough (one hundred and sixteenth day); occasional short dry tussiculation (one hundred and seventeenth day); occasional dry short cough (one hundred and eighteenth day); in the morning, on awaking, occasional dry tussiculation (one hundred and nineteenth day); short dry tussiculation, in the morning (one hundred and twentieth day); occasional coughing of mucus, in the morning (one hundred and twenty-first, one hundred and twenty-second, one

hundred and twenty-third, and one hundred and twenty-fifth days); moderate expectoration of mucus, in the morning (one hundred and twenty-sixth day); coughing of mucus, followed by frequent dry tussiculation, in the morning (one hundred and twenty-seventh day); in the morning, occasional short dry tussiculation; somewhat later, some jellylike phlegm from the air-passages; at noon and after dinner, occasional short dry tussiculation (one hundred and twenty-eighth day); frequent short dry tussiculation (one hundred and twenty-ninth day); occasional short dry tussiculation (one hundred and thirtieth day); occasional coughing of mucus, in the morning (one hundred and thirty-second day); coughing of mucus, in the morning (one hundred and thirty-fourth day); occasional cough, in the morning (one hundred and thirty-sixth day); occasional cough, with mucous expectoration, in the morning (one hundred and thirty-eighth day); mucous cough, in the morning (one hundred and thirty-ninth day); frequent short dry tussiculation (one hundred and forty-third day); occasional cough (one hundred and forty-fourth day); occasional short dry tussiculation (one hundred and forty-seventh day); frequent short dry tussiculation (one hundred and fifty-third day); during the day, occasional dry tussiculation (one hundred and fifty-fifth day); frequent short dry tussiculation (one hundred and fifty-seventh day); occasional slight coughing up of mucus, in the morning (one hundred and fifty-eighth day); coughing of mucus, in the morning (one hundred and sixtieth day); occasional coughing and expectoration of mucus (one hundred and seventieth and one hundred and seventy-first days); occasional mucous cough, in the morning (one hundred and seventy-fourth day); frequent short dry tussiculation (one hundred and seventy-eighth day); frequent dry tussiculation (one hundred and seventy-ninth day); occasional dry tussiculation, rarely with expectoration of mucus, in the morning (one hundred and eighty-fourth day); occasional coughing of mucus, in the morning (one hundred and eighty-fifth day); occasional short dry cough (one hundred and eighty-sixth day); occasional coughing of mucus, in the morning (one hundred and eighty-ninth day); coughing of mucus, in the morning (one hundred and ninetieth, one hundred and ninety-first, and one hundred and ninety-second days); frequent coughing, in the morning (one hundred and ninety-third day); occasional dry cough (one hundred and ninety-fourth day); occasional dry tussiculation (one hundred and ninety-fifth day); occasional coughing of mucus, in the morning (one hundred and ninety-ninth and two hundredth days); occasional coughing of thick phlegm (two hundredth day); occasional coughing of mucus, in the morning (two hundred and fourth, two hundred and eighth, and two hundred and fourteenth days); at night, for half an hour, dry tussiculation and hawking, caused by a tickling in the larynx (two hundred and fourteenth day); coughing of mucus, in the morning (two hundred and seventeenth day); frequent coughing and blowing the nose (two hundred and nineteenth day); frequent cough, sometimes dry, sometimes with mucous expectoration (two hundred and twenty-second day); coughing up of mucus, in the morning (two hundred and twenty-fourth to two hundred and thirtieth day); expectoration of mucus, in the morning; frequent coughing, sometimes with mucous expectoration, in the afternoon (two hundred and thirtieth day); coughing of mucus, in the morning (two hundred and thirty-first, two hundred and thirty-second, two hundred and thirty-third, and two hundred and thirty-fourth days); dry short cough, at noon (two hundred and thirty-fourth day); frequent coughing up of mucus, at night (two hundred and

thirty-fifth day); frequent coughing up and blowing from the nose of mucus; frequent coughing up of mucus, at night (two hundred and thirty-seventh day); frequent short, dry, continued cough, at noon (two hundred and thirty-eighth day); coughing of mucus, in the morning (two hundred and thirty-ninth day); occasional coughing of mucus, in the morning; frequent short dry cough, in the forenoon; much cough, in the evening (two hundred and fortieth day); frequent dry cough, towards morning; frequent coughing up of mucus, in the afternoon (two hundred and forty-first day); during the day frequent cough, sometimes dry, sometimes with thick mucous expectoration (two hundred and forty-second day); occasional coughing up of mucus, in the morning; frequent, at night (two hundred and forty-fourth day); frequent short dry tussiculation, after dinner (two hundred and forty-fifth day); coughing up of mucus, in the morning (two hundred and forty-sixth and two hundred and forty-seventh days); frequent short dry tussiculation; coughing of mucus, at night (two hundred and forty-seventh day); coughing up of mucus (two hundred and fiftieth day); coughing of mucus, in the morning (two hundred and fifty-first and two hundred and fifty-second days); occasional coughing up of thick mucus, in the morning (two hundred and fifty-third day); mucous cough, in the morning; occasional mucous cough, at night (two hundred and fifty-fourth day); occasional mucous cough, in the morning (two hundred and fifty-seventh day); mucous cough, after rising; frequent short dry tussiculation (two hundred and fifty-eighth day); frequent expectoration of mucus, in the morning; during the day, especially in the evening, the voice became rough and toneless, with occasional cough (two hundred and fifty-ninth day); mucous cough, in the morning (two hundred and sixtieth day); a few coughs, with mucus, in the morning (two hundred and sixty-first day); during the day, frequent short dry cough, with some expectoration of phlegm (two hundred and sixty-first day); occasional mucous cough, in the morning; frequent short dry cough, in the forenoon (two hundred and sixty-third day); occasional short dry cough (two hundred and sixty-fourth day); in the morning, for nearly an hour, quite severe cough, generally dry and short, rarely with mucous expectoration (two hundred and sixty-fifth day); a violent fit of coughing, lasting half an hour, at night (two hundred and sixty-eighth day); coughing up and blowing of thick mucus (two hundred and sixty-ninth day); occasional coughing up of mucus, in the morning; severe cough, in the afternoon; violent cough, with much expectoration of phlegm, at night (two hundred and seventieth day); frequent dry cough, in the evening (two hundred and seventy-first and two hundred and seventy-second days); coughing up of mucus, in the morning; frequent violent, short, dry cough (two hundred and seventy-third day); frequent cough, sometimes dry, sometimes with mucous expectoration (two hundred and seventy-fourth days); in the morning much cough, generally fatiguing, short, and dry, with severe feeling of pain in the chest (two hundred and seventy-fifth day); coughing of mucus, in the morning; occasional violent cough, in the forenoon; much dry cough, in the afternoon and evening (two hundred and seventy-sixth day); dry cough (two hundred and seventy-seventh day); at night, two fits of coughing, one of which lasted at least half an hour, the other was shorter, but more fatiguing (two hundred and seventy-eighth day); at noon, frequent short dry cough; it also occurred several times in the afternoon and evening (two hundred and seventy-ninth day); a few coughs, with mucous expectoration, in the morning (two hundred and eightieth day); a few coughs (two hundred and eighty-first day); frequent

cough, in the morning, generally with mucous expectoration (two hundred and eighty-third day); occasional coughing up of mucus, in the morning; dry tussiculation, after dinner; severe coughing and sensitiveness of the fauces (two hundred and eighty-fourth day); coughing up of mucus, in the morning (two hundred and eighty-fifth, two hundred and eighty-sixth, and two hundred and eighty-seventh days),[45b].—During the day, frequent rather violent cough (first day); occasional cough, in the morning (third day); occasional cough (sixth day); occasional coughing of mucus, in the morning (seventh day); cough, in the morning (ninth day); a few coughs, with mucus, in the morning (twelfth and thirteenth days),[45e].—In the afternoon severe cough, with little expectoration; on coming into a warm room, and on smoking tobacco, the cough becomes worse; when in the open air, and on drinking wine in the evening, it is diminished; indeed, it ceases entirely; at night, frequent waking from cough (first day). In the morning frequent, but looser cough; expectoration yellowish and globular; during the day dry cough; at night heavy sleep, often disturbed by cough (second day). At night, cough (third day). In the evening, when going to bed, as also in the night, on several occasions when he awakes, very violent cough, with copious expectoration of mucus (fourth day). Cough looser and rarer (fifth day). Cough considerable, accompanied by expectoration (eighth day). Cough lasted, with slight remissions, for one month,[41b].—Loose cough, with a sensation of soreness or pressure upon the chest and expectoration of thick mucus, also with rattling in the trachea and hoarseness,[3].—Cough woke him from sleep about midnight; was obliged to cough half an hour until expectoration; again in the morning, on dressing, with expectoration, then not again during the day,[1].—Morning and evening violent cough, with copious mucous expectoration, which recurred regularly during the following six days (after sixty-three days),[16].—Coughing, with expectoration of phlegm (third day),[18].—Occasional cough, with expectoration of phlegm (fifteenth day),[44f].—Expectoration of mucus, without cough,[1].—[**2300.**] Expectoration from the chest, tasting like old catarrh,[1].—Coughs up greenish plugs of a sweetish taste,[1].—Pieces of hard mucus, like starch, are expectorated by hawking,[3].—Expectoration of bloody saliva, with a sweet taste in the throat,[3].—Expectoration of blood, at night, with fatty sweetish taste in the mouth,[1].—***Respiration.*** The expired air is hot,[1].—Rapid involuntary breathing during and after getting into bed,[1].—Towards evening, shortness of breath (ninth day),[29a].—Short breathing, relieved by sitting up,[75].—**Shortness of breath from talking much*,[1].—[**2310.**] **Shortness of breath, when walking* in the open air,[1 3].—In the forenoon, difficult breathing; in the afternoon, very difficult (twelfth day),[29a].—In a quarter of an hour, difficulty of breathing (thirty-seventh day),[29].—Although not short-breathed, yet deep breathing is quite impossible,[1].—Difficult breathing; he is obliged to take a deep breath, more while sitting than while walking,[1].—Difficulty of breathing, in the afternoon (thirtieth day),[29].—Sudden want of breath, at night in bed, when turning to the left side; on sitting up it disappeared,[1]. —Loss of breath and weakness from slight movement, with constant distension of the abdomen and frequent swelling of the feet,[1].—Frequent stoppage and arrest of breath, even to suffocation, during the day,[1].—She had scarcely fallen asleep, at night, when her breath left her, threatened to suffocate, started up with a loud scream, and could not get her breath again; towards morning violent palpitation, followed by exhausting perspiration,[1].—[**2320.**] **Arrest of breath, even when talking*,[1].—Frequent arrest of breath during sleep; she must be awakened to avoid suffocation,[1].—Par-

oxysms of arrest of breath, partly when moving and walking, partly when sitting and lying; is then obliged to forcibly take a deep breath, when the tightness of the chest immediately disappears,[1].—Paroxysms of want of breath, at night,[1].—Paroxysms of suffocation, at night in sleep, though without pain,[1].—Gasping for breath, on account of constriction of the larynx; the throat appeared to be too narrow; the face hot and turgid; the eyes perceptibly projected out of their orbits; the veins of the forehead and temples were distended with blood; speech difficult; shrill whistling on inspiring, particularly noticeable on going upstairs (fourth day),[30].—Threatened with asthmatic attacks, to which I have no natural tendency,[68].—***Dyspnœa,**[1].—Dyspnœa, on walking quickly (eighth day),[34]; (sixteenth day),[34a].—**Dyspnœa, in the evening in bed*,[1].—[**2330.**] Dyspnœa, with the sore throat,[53].—Dyspnœa, to a sense of suffocation, with severe constriction of the chest (after one hour),[51].—Great dyspnœa, followed by yawning, several hours after eating,[1].—Attack of convulsive dyspnœa, exactly similar to angina pectoris; the attack was reproduced on three successive nights (after fourth night),[52].

Chest.—When coughing, a feeling as if the lungs rested against the back,[1].—The general effect of continued small doses of the flowers of Sulphur is a greatly increased excretion of carbonic acid (600 cc. in a minute),[46].—Increased aqueous exhalation from the lungs,[47].—At 10 A.M., shooting pain, as if in the left pleura (sixth day),[25].—**Anxiety in the chest*,[1]; (sixteenth day)[34a].—In the afternoon, anxiety in the chest (thirtieth day),[29].—[**2340.**] Anxious feeling in the chest; he can hardly expand it during inspiration (fiftieth and fifty-first days),[29].—**Great anxiety in the chest* (twenty-sixth day),[34].—**Rush of blood to the chest, in the morning on waking*,[1].—**Great rush of blood to the chest*,[1].—Violent rush of blood to the chest, like a boiling, with qualmishness amounting to faintness, and trembling of the right arm,[1].—***Weakness of the chest, when talking**,[1].—**Weakness of the chest on reading aloud* (eighth day),[34].—**Weak feeling in the chest, she could get her breath only with difficulty*,[1].—**Great weakness of the chest, especially troublesome on getting into bed, at night, so that he cannot lie long on one side, and longing for morning*,[10].—**Such fulness in the chest before the menses that she was frequently obliged to take a deep breath*,[1].—[**2350.**] A sensation of fulness of the chest, at first an insipid and clammy, but suddenly a sweetish taste in the mouth, sensitiveness of the uvula, tickling in the throat, spitting of a watery slimy fluid, mixed with bright-red blood, several times, at short intervals (after two hours, twelfth day),[29].†—Feeling of emptiness in the chest, during a dry cough,[1].—Accumulation of mucus in the chest and throat,[1].—Constant accumulation of mucus in the chest, obliging hacking,[1].—**Sensation as if mucus were seated in the chest, after raising which the respiration was freer;* the whole day some mucus was coughed up, less in the afternoon and evening than in the morning,[46].—Raw feeling in the chest (eighty-first day),[45a].—Awoke in the morning with rawness in the chest,[1].—Sore feeling in the chest (thirty-second day),[45a].—**Pain in the chest, as if strained, with oppression*,[1].—**The chest is painful on moving the arm*,[1].—[**2360.**] **Pain in the upper part of the chest, as if he had fallen upon it*,[1].—In the morning after getting up, pain in the ribs, vertebræ, and muscles, so that he could scarcely bend forward. The pain was diminished by holding himself upright, and was quite gone in an hour (ninety-fifth day),[45b].—Bruised pain in the upper part of the chest on touch,[1].—A pain from a bruise (on the chest), that

† He had had something similar six or seven years previously.

had disappeared for six weeks returned as a pressive pain, especially in the evening,[1].—Extremely violent pain, in the evening, as from deep pinching in the chest; she wishes to twist it about, push it out, rub it to pieces, or burst it open,[1].—After dinner, aching in the chest and gastric region (second day),[20].—Aching and sore feeling in the chest, after breakfast (two hundred and seventy-fifth day),[45b].—Some aching in the chest, in the morning (sixty-ninth day),[45a].—Aching squeezing pain in the upper part of the chest, especially at the right side, which lasted more than an hour, after getting up (sixth day),[44d].—Cramp in the chest, in the evening in a warm room; she breathed with difficulty and could not get air enough, with violent palpitation; worse on motion, disappearing on lying down in bed,[1].—[**2370.**] * *Violent cramp in the chest, at times*,[1].—Tightness of chest (fifteenth, sixteenth, and seventeenth days),[22].—Slight tightness of the chest and frequent dry cough, in the evening (fifty-eighth day),[45a].—Transient tightness of chest (sixty-fourth day),[45a].—Some tightness of the chest, after breakfast (sixty-fifth day),[45a].—Tightness of the chest, in the morning fasting, until something is eaten; the hindrance to the breathing seems to be in the pit of the stomach,[1].—Tightness of the chest after a walk; is frequently obliged to take a deep breath till evening (after twenty-eight hours),[1].—* *Tightness of the chest, as if something had grown fast*,[1].—Tightness and oppressive pressure, in the afternoon and evening, in the whole body, but more about the chest, as if externally, with anxiety; after lying down he perspired and became quite free,[1].—The greatest tightness of the chest, twitchings, and death (after four days),[5].†—[**2380.**] The whole chest feels tense,[1].—Tension of pectoral muscle on breathing deeply, and contracted feeling in the anterior wall of the chest (tenth day),[45a].—Tension in the pectoral muscles, after dinner (two hundred and nineteenth day),[45b].—Slight tension on the outside of the chest; at one time below the scapula, at another under the arms, at another in the back (twentieth day),[45b].—Slight tension of the thorax (two hundred and thirty-second day),[45b].—* *Constriction of chest* (ninth day),[22b].—* *Constriction of the chest, and occasional shootings in it* (ninth day),[34a].—* *On taking a deep breath the chest feels constricted*,[1].—If she walks twenty paces her chest feels constricted; she is obliged to stop constantly to get her breath,[1].—* *Constrictive pain about the chest*,[3].—[**2390.**] * *Painful constriction of the chest*, frequently on motion,[3].—* *Slight constriction of the chest* (forty-ninth and fifty-third days),[45a].—* *Some constriction of chest, after getting up* (eighteenth day),[45b].—In the forenoon, feeling of constriction of the chest (thirty-third day),[29].—* *Sensation of heaviness on the chest, for several days, with dry cough*,[3].—An uncomfortable feeling of weight in the whole chest, and in the bones of the arms, in the forenoon, same time as horripilation (sixth day),[29a].—Towards evening, weight and full feeling in the chest (ninth day),[29a].—Asthmatic feeling in the chest (forty-second and forty-third days),[22a].—* **Pressure upon the chest, with anxiety**,[1].—Pressure transversely across the middle of the chest, as from swallowing too large a morsel,[1].—[**2400.**] Breath hindered by pressing upon the chest,[1].—Constantly increasing pressure on the chest, in the morning in bed; he was obliged to rise, after which it disappeared,[1].—In the afternoon, pressure on the chest (forty-first day),[22a].—* *Pressure on the chest, for an hour*, which declines on rumbling of the bowels (forty-fifth day),[45a].—* *At night, when lying on the back, pressure and anxiety in the chest, with difficulty of breathing*, to such a degree that the sweat exuded at every pore (fourth day),[31].—* *At* 8

† From free drinking of Sulphur in wine.—HUGHES.

A.M., *such violent pressure on the chest that she could hardly draw her breath* (twelfth day),[43].—***Oppression of chest** (forty-fifth day),[22a]; (fifteenth and forty-eighth day),[29].—Pretty strong oppression during a part of the afternoon (tenth day); the oppression is severe; severe and continuous in the afternoon (twelfth day); at 2 P.M., oppression, weight on the chest; deep inspirations cause a pretty severe pain towards the ninth rib on the right side (thirteenth day); oppression which lasts all day; I am obliged several times to rise hurriedly from my seat; it seems as if I shall choke (fourteenth day),[15].—Oppression of the chest from 9 A.M. till 3 P.M. (sixteenth day),[48].—Oppression and weight in the chest, in the evening (sixty-ninth day),[45a].—[**2410.**] **Oppression of the chest, with stitches in the left side*, not affecting respiration,[3].—Oppression of the chest, as if a heavy weight were lying upon it, which was pressive as soon as he moved at night; he was obliged to sit up,[1].—Oppression of the chest, lasting all the forenoon. I felt as if my clothes were too tight about my chest and interfered with respiration at the same time. I had often an inclination to breathe deeply (thirteenth day),[44a].—Oppression of the breath on bending forward,[1].—Slight drawing and shooting in the thoracic muscles (one hundred and sixty-first day),[45b].—Flying shoots in the chest (first day),[34a].—Flying shoots in the walls of the chest, first on the right, then on the left side, and finally on the right side of the abdomen (fourth day),[36b].—Cutting deep in the chest, with burning, after walking in the open air,[3].—**Stitches beneath the right breast, when coughing*,[1].—***Stitches in the chest, extending to the back** (after sixteen hours),[1].—[**2420.**] **Sticking constrictive pain in the pectoral muscles, which are also sore to touch*,[1].—***Sticking in the pectoral muscles, on moving the arm*,[1].—Sticking in the chest and dorsal muscles,[1].—Heated feeling in the chest, in the morning on waking,[1].—Burning in the chest and great warmth of the face,[1].—Feeling of coldness in the chest, like a chilly tension,[1].—Feeling of coldness in the chest and abdomen,[3].—Rattling in the chest, at night (two hundred and seventieth day),[45b].—Rattling and snoring in the chest, relieved by expectoration,[1].—Shattering in the chest and abdomen, when coughing,[1].—[**2430.**] Towards noon, a peculiar feeling of trembling and throbbing in the chest and pit of the stomach (fortieth day),[29].—Beating nervous feel in the chest,[59].—Throbbing deep in the chest, at night,[3].—***Front.*** Cracking of the sternum, on motion,[1].—**Pain in the sternum*,[1].—Painful sensitiveness on the upper part of the sternum, even to touch, with oppression,[3].—Burning and constriction in a small spot on the sternum, rather externally,[3].—Spasmodic contraction beneath the sternum, when sitting (sixteenth day),[45].—All day, deep in the centre of the thorax, a sore place about the size of a crown; pain increased by movement and inspiration; at night it went off (twenty-first day),[22].—**Aching in the sternum, and oppression of breath* (second day),[29b].—[**2440.**] A slight aching pain in a circumscribed spot beneath the chest-walls on the right side, near the sternum; the pain is especially observed on breathing deeply, and when bending forwards; the pain beneath the walls of the chest disappeared, but recurred about 11 A.M., after the burning of the anus had subsided; in the afternoon and evening the pain in the chest is only still felt when he breathes deeply (fifth day); when he breathes deeply, the aching in the chest occurs like yesterday (sixth day); at noon, on taking a full breath, slight shoots under the sternum (sixth day); the pain under the sternum continues in a lesser degree; on leaning forwards, the place under the sternum pains as if beaten (seventh day); the pain beneath the sternum is felt in the morning only, on breathing deeply; it increases in the course

of the forenoon, and goes off in the afternoon (eighth day),[45b].—A raging pain in the middle of the sternum, frequently in the afternoon (twelfth day); during the day, frequent sudden aching in the middle of the sternum (thirteenth day),[44b].—Late in the evening, aching pain and sore feeling upon and beneath the sternum; the pain is increased by breathing deeply, by moving the body, and by rough handling (twenty-ninth day); the spot on the sternum is still sensitive, but less so than yesterday (thirtieth day),[45b]. —Aching in the sternum and obtuse stitches in the left side of the chest (thirteenth day),[44a].—Transient aching beneath the sternum, towards noon (one hundredth day),[45a].—Pressure in the upper part of the sternum, when walking in the open air, which disappeared on continuing to walk,[1].—Pressive pain on the sternum when walking; on touch nothing is felt,[1].—About 3 A.M., a very severe cutting pain, darting like lightning from the deltoid muscle to the middle of the right upper arm (second day),[25c].—Cutting in the middle of the chest, causing starting in fright, extending down to the middle of the stomach,[3].—Shooting pain beneath the sternum (two hundred and sixtieth day),[45b].—[**2450.**] **Stitches in the sternum*,[1].—Stitches in the region of the ensiform cartilage, when coughing,[1].—Sticking or twinging in the middle of the sternum, more externally,[3].—Sticking in the sternum when not touched, and still more when touched,[1].—Throbbing, as in a muscle, in the sternum,[1].—***Sides.*** At 8 P.M., pretty severe pain, although dull, in both sides of the chest (seventh day),[15].—Pain in the right side (fourteenth day),[15].—Pain in the right ribs, especially when touched,[1].—Pain in the right side of the chest, when coughing; when feeling of it the spot is sore,[1].—Deepseated pain in the right side of the chest (twelfth day),[15].—[**2460.**] Bruised pain in the left pectoral muscles, and drawing or tearing pains in the left shoulder and muscles of the upper arm, especially on motion, on breathing, and even on touch, lasting four days (after twenty-four hours),[46].—Burning in the right side of the chest, suddenly coming and going,[3].—Burning deep in the middle of the right clavicle, extending to the sternum,[3].—About 7 P.M., attacks of aching on the right side posteriorly of the lower part of the thorax, which proceeded from the inside, penetrating deeply and lasting a considerable time. This recurred periodically for three days, and took place in every position of the body, when walking or when at rest (fourth day),[21].—Aching pains in the right side, beneath the short ribs (after thirty-five days),[44b].—Aching under the left short ribs, in the forenoon, when walking (forty-fourth day),[44b].—On every movement of the body, as also in drawing a deep breath, dull aching pain and shooting in the bend of the left false rib; the pain was limited to a small spot, and went off after washing with cold water (one hundred and sixteenth day),[45b].—About 8 P.M., when sitting, aching under the left short ribs (second day),[44c].—Tension in the right chest and shoulder,[1].—Tightness of the left half of the chest (eighty-seventh day),[45a].—[**2470.**] Feeling of weight and pressure in the left side of the chest, which increased daily (tenth day); especially annoying (sixteenth day); on that day there occurred violent shooting pains, at every attempt to move the chest forwards and to the left, and on taking a deep breath. On the following days the chest symptoms declined, and gradually went off completely,[26a].—About 6 P.M., dull pressing in the left side of the chest (third day),[41b].—After dinner, rather severe tearing in the left pectoralis major, lasting five minutes, aggravated by pressure (twenty-fifth day),[25c].—In the afternoon, while walking, a sudden pinching in the right half of chest, which was not diminished by standing still, nor increased by taking a full breath; it lasted

about half an hour, and went off with a dull shoot towards the front of the chest (fifth day),[39b].—In the evening, for a few seconds, shooting pains in the right side of the chest (judging by the feeling, in the pleura), (fifth day),[25c].—In the forenoon, some sharp shoots in the right side of the chest (ninth day); after dinner, slight indication of the pain (fourteenth day),[28c]. —At night, in bed, flying shooting in the right ribs, extending to the shoulder (twenty-ninth day),[33].—In the evening, shooting in the right ribs (thirty-fifth day),[33].—Shooting in the right side of the chest, which lasted till dinnertime (after two hours),[36].—Shooting in the right chest, externally (fourth day),[36c].—[**2480**.] In the morning after getting up, slight shooting in the left side of the chest, which recurred by fits several times during the day (forty-first day),[45b].—* *Very tormenting shootings behind the lowest rib of the left side, towards the back, increased by breathing deeply;* at the same time, rattling respiratory noise in the large bronchial tubes (third day),[30].—Before going to sleep, shooting in the left side of the chest (ninth day); in the morning after awaking, shooting between the second and left fifth ribs (twenty-sixth day); in the evening, slight shooting in chest (twenty-sixth day); shooting in left side of the chest, with headache (thirty-second day); before falling asleep, flying shoots in the left ribs (thirty-fourth day),[53]— ***Shooting in the left side of the chest** (twenty-sixth day),[34].—Shooting under the heart, about 3 P.M. (twenty-fourth day),[43].—Some flying shoots in the left side of the chest (judging by the sensation in the intercostal muscles) occurred when walking, and once when speaking, and compelled him to hold his breath for an instant (twenty-fourth day),[35b].— * *Thrusts in the left chest towards the heart, which took away her breath, with great thirst, at night* (after third day),[1].—* *Thrusts in the left side of the chest, extending towards the heart, taking away the breath, with great thirst*,[1].—* *Violent stitches in the right side of the chest, through the stomach and pit of the stomach*,[1].—***A stitch extending from the right side of the chest into the scapula** (fourth day),[1].—[**2490**.] * *Painful, shattering stitches shoot into the right chest*,[3].—In the forenoon, in the right side of the chest, at the point where the mediastinum is attached to the right side of the sternum, inferiorly in the vicinity of the diaphragm, dull stitches from within outward, like blows, which reach to the inside of the thorax and end there; these pains were excited by any exertion of the thorax, like blowing the nose, breathing deeply, etc., and they only went off about noon (twenty-seventh day),[21].—***Stitches in the left chest, when breathing,** *lasting for days*,[1].— Constant sticking into the left chest, causing crying out, only transiently relieved by deep breathing,[3].—* *Stitches in the side, of short duration, in the afternoon* (fourth day); about 10 P.M., stitches in the side more severe than the day before, and also felt in the night (fifth day); stitches in the side still present (seventh day); stitches in the side worse (tenth day); severe stitches in the side; still more severe stitches in the region of the spleen, following hard evacuation (eleventh day),[42].—* *In the forenoon, flying stitches in the left side of the chest, increased by walking quickly and going upstairs;* (thirty-third day); traces of stitches in the chest, but only when walking (thirty-fourth day),[33]. —Crackling beating in the left side of the chest, while sitting and lying, disappearing on holding the breath,[1].—***Mammæ.*** * *Erysipelas of the breast, it becomes inflamed, red, hot, hard, with red rays extending from the nipple, and with sticking in it*,[1].—In the morning the right nipple was swollen and painful to the touch, or when he breathed deeply (twenty-second and twenty-third day); nipple sensitive (twenty-fourth day),[22].—Twitching in one breast; it becomes swollen, as if milk were rushing into it,[1].—[**2500**.]

Right breast very painful and sore,[66].—Shooting pains under the right breast, about 10 P.M. (ninth day),[43].—Very violent shooting under the left breast (eleventh day),[43].

Heart and Pulse.—Præcordium. Terrible pains about the heart, throwing her into a trembling fainting fit,[64].—A strange motion in the præcordial region,[1].—In the afternoon a peculiar discomfort in the præcordial region and hypochondria, extending up to the throat, caused by tension, pinching, and tearing, now in the stomach, and now in the splenic and hepatic regions; eructations of flatulence caused only slight alleviation (fifth day),[30].—Pressure in the præcordial region, towards evening,[1].—Hollow sensation in the præcordial region,[1].—**Rush of much blood to the heart*,[1].—Sensation as if the heart had not enough room,[1].—[**2510.**] **Stitches in the region of the heart, or in the right side of the chest, at night, while lying on the back, on the slightest motion*,[1].—***Short stitches in the præcordial region,[1].—*** ***Heart's Action.*** **Sudden beating of the heart, after some turning, in the evening*, in bed,[1].—***Palpitation,[64].—**Palpitation and fluttering of the heart*,[56].—Palpitation, every forenoon,[1].—***Palpitation, at night, in bed,[1].—**Palpitation of the heart, without any reason* (seventeenth day),[34a].—**In the evening, palpitation of the heart* (twenty-ninth day); palpitation occurred not only in the evening, but also after dinner (thirtieth and thirty-first days),[27].—**Palpitation, without anxiety, at any time of the day*,[1].—[**2520.**] Palpitation and trembling of the hands, at noon, after a short walk,[1].—**Palpitation, almost without cause*, without anxiety, for example, when lying down for the midday nap,[1].—***Anxious palpitation,[1].—**Palpitation of the heart, which lasted two minutes, and was attended by anxiety, as though he were going to faint* (after half an hour),[22a].—**During the stool, palpitation, which afterwards disappears*,[1].—Increased pulsation of the aorta, from the heart to the clavicle, combined with a purring noise; when he lay on his back the pulsation was troublesome along the back (fourth day),[40].—**Vehement palpitation of the heart* (after one hour),[51].—Violent palpitation, after walking, in the open air,[1].—Violent palpitation at the moment of rising,[1].—**Violent palpitation, at night, on turning, in bed*,[1].—[**2530.**] **Violent and rapid palpitation, on falling asleep, in the evening*,[1].—**Violent palpitation and heat of the face, followed by burning in the abdomen, with the first movement of a child*,[1].—The number of pulsations was decidedly diminished during the proving,[46].—***Pulse.*** **Quick pulse* (twentieth day),[34].—***Quick pulse and burning in hands** (sixteenth day),[34a].—**In the evening, quickened pulse* (eighteenth day),[32].—**Pulse quick, hard, and full* (twelfth day),[29].—Soft small, quick pulse, 160 beats in the minute (twenty-ninth day); pulse less quick (thirtieth and thirty-first days); pulse normal (thirty-fifth to thirty-ninth day); pulse more rapid (thirty-ninth and following days),[27].—Pulse 84, and after half an hour, 73 (after one hour),[3].—Pulse feeble and intermitting (next day),[67].—[**2540.**] Pulse feeble and very irregular,[51].

Neck and Back.—Neck. **Inflammation and swelling of a gland in the nape of the neck, close to the hair, with an itching sensation*,[1].—Painful swelling of the neck, anteriorly and externally,[2].—Pulsation in the left carotid.[1].—**Stiffness of the neck*,[1].—**Stiffness in the nape of the neck, and paralytic sprained pain in the nape of the neck*,[1].—**Stiffness of the nape of the neck, with cracking of the cervical vertebræ, on bending the head backward, lasting three days* (after six hours),[48].—Cracking in the cervical vertebræ, on bending the head backward and pressing it upon the pillow,[1].—**Cracking in the cervical vertebræ*,[1].—Pain in the right side of the neck, on bending the head to the right,[1].—[**2550.**] In the morning, rheumatic pains in

the nape (second day),[20].—Pressing in the neck if she talks much,[1].—Tension and sticking in the nape of the neck, on sitting bent over, disappearing after stretching out,[3].—Tensive pain in the nape of the neck, and thence around to over the eye, where it is a sticking,[1].—**Tearing and tension in the left side of the nape of the neck, before midnight, after waking, feeling as if too short; on moving the head, she must cry out on account of the pain; better during rest,*[3].—**Drawing up the nape* (sixth day),[38c].—Drawing jerking in the cervical muscles,[3].—**Drawing pain in the right side of the neck,*[1].—**Drawing pain in the nape of the neck and scapulæ,*[1].—Drawing pain on the right side of the nape (fifth day),[38c].—[**2560.**] **Stitches in the nape of the neck, on stooping,*[3].—**Stitches in the cervical muscles* (twelfth day),[13].—***Back.*** Stiffness in the back, after sitting,[1]—Stiffness of the back and sides, as after taking cold,[1].—Stiffness in the back, on sitting a long time, relieved by walking,[1].—**Stiffness, now in the back, now in the hips, painful on turning over in bed; he was obliged to hold his breath,*[1].—Heaviness in the back, in the morning, as if he had been lying uncomfortably, and weariness, as if he had not slept enough,[1].—Heaviness in the back and lower extremities, in the morning, on rising,[1].—Severe backache (one hundred and eighth day),[45b].—Severe backache, with tension and weight in the small of the back (one hundred and eighty-fifth day),[45b].—[**2570.**] Severe backache, especially when stooping (one hundred and eighty-sixth day),[45b].—Weary feeling in the left side of the back, on moving the arm, as after exerting the part too much,[1].—**Pain in the back, on stooping,*[1].—**Pain in the back, as after stooping a long time,*[1].—**Pain in the back and small of the back, as if beaten to pieces,*[1].—Pain in the back, increased by every motion, and lasting until night (seventeenth day),[22].—***Violent pain in the back, for several nights, with bruised sensation in the small of the back, on account of which she could not sleep, with great orgasm of blood,*[1].—**Some bruised feeling in the muscles of the spine* (eighty-eighth day),[45b].—**Bruised pain in one spot on the back,*[1].—**Pressive pain in the back beneath the scapulæ, in the evening,*[1].—[**2580.**] Tensive pain in the left side of the back, on moving the arm,[1].—Rumbling on the inside of the spine,[1].—Tearing in the back,[1].—Tearing in the back, knees, and legs, in the evening, in bed,[1].—Drawing from below upward, in the spine on stooping,[1].—Burning and biting in the back,[1].—Hot creeping down the back,[1].—Itching stitches in the back,[1].—Sticking pain in the back, when walking,[1].—Stitches in the back, on every breath,[1].—***Dorsal.*** [**2590.**] Violent trembling of the left scapula, arm, and hand, in the forenoon,[1].—Burning on the back, beneath the axilla,[3].—Burning pain between the scapulæ,[1].—Burning about the lower angle of the left scapula, lasting half an hour (sixth day),[44d].—Corrosive burning between the shoulders, beneath the right shoulder-joint, in the small of the back and nates, in the evening, after lying down,[3].—Pain in the scapulæ, when coughing,[1].—Pain as from a sprain in the right scapula, on moving the arm,[1].—In the afternoon, a peculiar pain occupying a space the size of a crown piece, at first slight, but gradually growing more and more severe; it was situated about two inches below the lower end of the left scapula, and its character was long, pulsative, undulating stitches, which always caused a jerk through the whole body, and compelled him to hold his breath (as when straining at stool). These stitches recurred at intervals of from a quarter to half an hour, during which time the spot alluded to was sensitive to touch, movement, and deep inspiration, but did not actually give pain. These conditions, however, had no influence on the shooting pain, which always lasted a few minutes. The pain lasted all

night, and as it was even felt in sleep, it is manifest that that could not be very tranquil (fifteenth day). The pains continued in all their intensity of yesterday. He felt best when lying on the left side. This posture he endeavored as much as possible to retain during the night, and by carefully avoiding turning in bed, as the pains were thereby immediately aggravated, he passed a pretty good night (sixteenth day). In the evening the pain in the back was more violent than on the previous day. He was often forced to leave off speaking, because the pain took away his breath. This he could stand no longer, so he took Bryonia, whereupon the pain declined in a few hours, and by the evening was all gone (seventeenth day),[25d]. —About 7 P.M., in the back, close to the right scapula, an aching tensive pain, as if the muscles were too short (second day),[25e].—Tension between the scapulæ, lasting half an hour (two hundred and twenty-first day),[45b].—[**2600.**] **Tensive pain between the scapulæ, while lying and moving,*[1].—**Tension between the scapulæ, and on one side of the neck,*[1].—**Tension and bruised pain between the scapulæ and in the nape of the neck, which on moving the head, goes to the shoulder,*[3].—Drawing pain in the right scapula, in the evening, on going to sleep,[1].—Drawing-tearing pains in the right scapula, which lasted three days, and were increased by every movement (tenth day),[22].—Tearing between the scapulæ, or also sticking, in the evening,[3].—Tearing in the left scapula, while sitting,[3].—Shoots, as with fine needles, at the lower angle of the left scapula, which lasted a quarter of an hour, in the morning (after one hour and a half),[45].—**Several stitches beneath the scapulæ, which take away the breath, and do not permit stooping,*[1].—Sticking pain in the left scapula, while leaning on the left arm,[1].—***Lumbar.*** [**2610.**] **Severe pain across the loins* (second day),[51].—**Pulsating stitches in the region of the loins and kidneys,*[1].—Painful stiffness in the small of the back, he could rise from a seat only with difficulty,[1].—Cracking in the small of the back, extending to the anus,[1].—**Pain above the small of the back,*[1].—Pains in the small of the back (ninth day),[34].—Pain in the small of the back, when rising from a seat,[1].—Pain above the small of the back, when walking, not when sitting,[1].—Pain in the left side of the small of the back (second day),[25].—Pain in the small of the back, with hypochondriacal discomfort (third day),[30].—[**2620.**] **Pain in the small of the back, so that she could not stand erect; she was obliged to walk bent over,*[1].—Severe pain in the small of the back, extending from the hypochondria over the sacrum into the coccyx, and she felt as if everything would come out at the anus (fourth day); severe pain in the small of the back, on account of which she loses all power of supporting herself (fifth day); pain in the small of the back, for three months,[31].—**Violent pain in the small of the back, only on stooping, tensive, as if everything were too short; the pain extended over the abdomen to the pit of the stomach, and as far as the knee,*[1].—About 4 P.M., excessively violent pains in the small of the back, compelling him to go to bed (fifth day),[33a].—Awoke with pains in the small of the back; after rising the pain goes off (sixty-fifth day); pain in the small of the back, at night (sixty-eighth day); sudden pain in the small of the back, after getting up (ninety-second day),[45a].—In the morning, after waking, transient but quite severe pain in the small of the back (ninety-third day); some pain in the small of the back, in the morning, on awaking (one hundred and first day); transient pain in the small of the back (one hundred and fourth day); severe pain in the small of the back (one hundred and twelfth day); on stooping, severe pain in the small of the back (one hundred and sixteenth day); severe pain in the small of the back, in the forenoon, when sitting

(one hundred and sixty-eighth day),[45b].—**Pain in the back, as if sprained, on a false step*,[1].—Pain, as from a sprain, in the region of the left pelvis and between the scapulæ, during rest, with intolerable painful jerking, on the slightest motion,[1].—Sudden pain, as if sprained, in the small of the back and lower part of back,[1].—Sudden violent pain, as from a sprain, in the small of the back, on sneezing, followed by drawing pain close to the spine, extending thence into the left groin and testicles, especially painful on rising from a seat and on walking,[1].—[**2630.**] At night, painful aching in the small of the back (second day),[39a].—Aching pain in the small of the back (second day); it extended upwards towards the middle of the back and between the scapulæ (third day); constant aching pain in the small of the back, which occasionally went up the back and extended into the chest, with a dull shoot forwards (fifth day),[39b].—When at stool, aching pain in the small of the back (sixth day),[39c].—During the whole day, aching in the small of the back, especially severe when urinating (third day),[39a].—Slight aching in the small of the back, in the morning, while sitting (seventh day),[45a].—Transient aching in the small of the back (sixty-seventh day),[45a].—Some aching in the small of the back, in the evening (one hundredth day); sudden, aching pain in the small of the back (one hundred and third day); severe aching in the small of the back (one hundred and fifth day); slight aching in the small of the back, in the evening (one hundred and sixth day); aching pain in the small of the back, felt especially when sitting down and rising up, soon after taking the medicine; it frequently recurred during the forenoon, particularly when walking, but by noon it was quite gone (one hundred and seventh day); when rising up and sitting down, aching in the small of the back (one hundred and ninth day); in the evening, after a short drive, such a severe aching in the small of the back, that it gave him great pain to sit down and to get up again (one hundred and seventeenth day); an aching pain in the small of the back, which was especially felt when walking and standing, less when sitting (one hundred and thirty-ninth day); slight aching in the small of the back (one hundred and fifty-sixth day); aching pain in the small of the back, in the evening, when driving (one hundred and sixty-sixth day); aching pain in the small of the back, in the afternoon (one hundred sixty-seventh day); great pain in the small of the back, on awaking (one hundred and seventieth and one hundred and seventy-first days); severe aching pain in the small of the back, after dinner (one hundred and seventy-second day); sudden aching pain in the small of the back (two hundred and seventy-sixth day),[45b].—Woke at 4 A.M., feeling very tired, and with aching tensive pain on the left side of the small of the back (fourth day),[25].—Aching tensive pain on the left side of the small of the back (fourth day),[25].—In the morning, on awaking, aching tensive pain in the left side of the small of the back, extending to the neighborhood of the left great trochanter; after getting out of bed this pain went off (sixth day),[25a].—[**2640.**] In half an hour, in bed, aching tension at the left side of the small of the back and the hip; then suddenly sharp-cutting pain through the right knee, from the bend to the patella, which alternated after a few minutes with an exactly similar pain from the bend of the left elbow to its apex; after getting up the pain in the back went off (third day),[25a].—***Violent bruised pain in the small of the back,** in the coccyx*,[3].—**Tiresome feeling, as if bruised, in the small of the back* (fourth day),[37a].—**On stooping and rising up, a bruised pain in the small of the back, which recurs several times during the day* (after one hour and a half, thirty-first day),[33].—**In the evening, bruised pain in the small of the back* (forty-

second day),[33].—**Bruised pain in the small of the back annoyed him all day long* (soon, thirteenth day),[22].—**In the afternoon, severe bruised pain in the small of the back* (third day); the pain became fixed in a small spot, and was aggravated by touch (fourth day); pain gone (fifth day),[39].—Burning pain in the small of the back, near the anus,[1].—Sensation in the small of the back as if a cool breath passed over it from without, with drawing in the tibia (fourth day),[21].—Painful gnawing in a small spot in the back; after pressing upon it, only a bruised pain,[3].—[**2650.**] Bearing down from the small of the back, as if the menses were about to come on (fifth day),[31]. —In the forenoon, weight in the small of the back, felt particularly on stooping (second day),[36].—Feeling of unusual tightness in the small of the back (forty-eighth day),[45a].—Pressure in the small of the back, while standing bent over,[1].—Pressure in the small of the back, disappearing while walking, returning while sitting,[1].—Hard pressure in the small of the back, relieved by walking,[1].—**Drawing pain in the small of the back*,[1].—**Drawing and weakness in the small of the back*,[1].—Transient drawing pain in the small of the back (thirteenth day),[45].—Drawing and tension down the muscles of the loins, with urging to stool, morning, noon, and evening (twenty-seventh day),[29].—[**2660.**] Drawing in the small of the back, especially when sitting, lasting all day (fourteenth day); much more mildly (fifteenth day); towards evening, very violent drawing in the small of the back (nineteenth day),[37].—At night, drawing in the small of back (second day); the drawing in the back lasted all day and throughout the following night (third day),[37b].—Violent tearing in the left loin, on motion,[1].—In the afternoon (when at rest), a short shooting, cutting pain above the anterior superior spinous process of the right ilium (third day),[25a].—Painless jerking in the small of the back, in the evening, in bed,[1].—***Stitches in the small of the back**,[1].—**Stitches transversely across the small of the back*,[1].—**Sticking pain in the bones of the small of the back, on every expiration*,[1].—An attack of sticking in the small of the back takes away the breath, with pain in the head and nape of the neck, followed at one time by chilliness, at another by heat, frequently alternating with apprehension in the pit of the stomach, lasting till evening,[1].—Towards evening, cramp pain in the lumbar and sacral vertebræ, which impeded every motion of the body, lasted until bedtime in the same intensity, and went off during the night; the pain was not increased by applying pressure to the painful part (fifth day); towards evening, same crampy pain in vertebræ (sixth day); the cramp pain had again gone off during the night, but there remained a stiffness in the spine, which made it difficult to lean forward, and compelled him to stretch out the body frequently; in the evening, again crampy pain in the lumbar and sacral regions, which went off in bed (seventh day); stiffness of back less tiresome; crampy pain quite gone (eighth day); recurrence of sacro-lumbar crampy pain (ninth day); cramp pain came on at noon, and lasted until late at night (tenth day); in the evening, moderate crampy pain, which lasted until he fell asleep (at midnight), (eleventh day); in the evening, moderate amount of tension in the sacrum (twelfth day); tension in sacrum did not occur (thirteenth day),[35b].—[**2670.**] Twice sudden tearing in the lumbar and sacral vertebræ, in the afternoon (thirteenth day),[45].—Dislocation pain (when walking), in the left sacral region and hip (fourth day),[25a].—After a time, aching tension in the left sacral region and hip, and in the whole extent of the pelvis, sometimes so violent that the pelvic bones seemed to be separating; this lasted half an hour (in bed), (first day); half an hour after the dose (in bed), aching tension in the left

sacral region and hip, lasting several minutes, and soon reappearing (second day),[25f].—Violent pain in the left sacro-lumbar region, worse on turning in bed (in half an hour); in a quarter of an hour, in the left sacro-lumbar region, an excessively violent, aching, tensive pain, as if the muscles were too short; it spread over the left side of the pelvis to the trochanter, and even involved sympathetically the abdominal muscles above the crest of the left ilium; this pain lasted as long as he lay on the left side; on turning it went off instantaneously, but then attacked the same parts on the right side (second day); about 2 A.M., aching tensive pain in sacro-lumbar region (third day),[25g].—About 4 A.M., aching pains in the region of the right sacro-iliac symphysis, and in the right shoulder (thirty-fifth day),[33]. —Aching in the sacrum, in the morning, after waking (twenty-sixth day); slight aching in the sacrum, in the morning, after waking (twenty-eighth day); transient aching in the sacrum, in the morning, after awaking (twenty-ninth day); aching in the sacral region, in the evening (thirty-third day),[45a].—Great aching in a spot on the sacral region, the size of a crown (two hundred and seventy-eighth day),[45b].—At 3 P.M., dull stitches, from without inwards, at the point of junction of the sacrum and ilium, at the left side (sixteenth day),[21].—Pretty sharp but transient pain towards the sacrum (fourteenth day),[15].

Extremities.—[**2680.**] He observed a semilunar furrow about a line in breadth, which extended right across both thumbnails, near their roots. The nail both before and behind this furrow, formed elevations (fifteenth day); on the nail of the left little finger, furrows similar to those on the thumbnails (nineteenth day); the furrows on both thumbnails, and on the nails of the left little finger, gradually filled up, and were pushed forward by the growth of the nail, so that after three or four cuttings of the nails no trace of them remained,[28c].—All the limbs are affected,[1]. —* *Trembling of the limbs*,[9].—Trembling of the limbs, especially of the hands,[1].—* *Trembling of the hands and feet, with great prostration*,[3].—Unsteadiness while walking, in the afternoon, and tremulousness of the hands,[1]. —Stiffness and tearing in the wrists and ankles when at rest, going off almost instantaneously when he moves (first day); pains in the joints (second day),[25a].—* *Weariness and prostration in all the limbs* (fourteenth day),[16].—After walking somewhat, all the weakness of the limbs disappeared, which returned in the house,[3].—General weariness and bruised feeling in the limbs in the morning (ninety-second day),[45a].—[**2690.**] Great weariness of the limbs, so that she could find no comfortable position in bed (first day),[42a]. —Weakness of the limbs, with trembling on every motion,[3].—Great lassitude in the limbs (sixth day),[42a].—Lassitude in all the limbs (twenty-third day),[40].—* *The limbs fall asleep immediately on lying down*,[1].—Troublesome falling asleep of the limbs, produced by a very slight cause, for instance, by pressure. It was caused by the pressure occasioned by sitting, lying, leaning, etc. The fingers, especially those of the left hand, went to sleep when playing the piano,[18c].—Frequently, while sitting, he had no sensation in all his extremities, a kind of asleep sensation,[1].—Waving sensation in the upper and lower extremities,[1].—Constant desire to stretch out the limbs, in the night after awaking (third day),[29a].—Desire in the hands and toes to extend and flex them,[1].—[**2700.**] * *Uneasiness in the joints*,[9].—Heaviness in all the limbs, especially in the lower extremities, after dinner,[1].—Great heaviness and weakness of the limbs, from morning till evening,[1].—Feeling of weight in the bones of the arms and legs (thirteenth day),[29].—In the morning the right leg is very painful, the right shoulder and right upper

arm are also not free from pain (two hundred and twenty-second day),[45k].—Bone pains in the limbs when touched, as if the flesh were loose,[1].—Excessive pain in all the limbs,[56].—After midnight, a great amount of the pains in the limbs (tenth day),[29a].—In the afternoon, a series of symptoms on the right side of the body; a precisely similar pain, first in the right metatarsal bone, then in the right elbow-joint, then in the wrist, and lastly in the metacarpal bone of the right hand; always lasting a few minutes, whether at rest or in motion (first day),[25c].—In the forenoon, very often gouty pains in the joints of the extremities, alternating with cramplike pains in their voluntary muscles (when at rest and in motion), (first day),[25f].—[**2710.**] In the afternoon, frequently the before-described gouty pains in the joints of the extremities (like those experienced by gouty people on a change of weather), alternating with cramplike pains in their muscles; the former came on mostly when at rest, the latter when moving (first day),[25d].†—The tendons of the limbs seem too short, on standing,[1].—Tension in all the limbs, as if too short; she was obliged to stretch them out,[1].—Tensive aching in all the limbs and in the tendons of the feet, after a short walk,[1].—Tension in the right shoulder-joint, and very painful tearing on the inside of the left thigh, in the morning (thirty second day),[44f].—Griping, now in the left shoulder, now in the feet,[3].—Her joints feel dislocated,[65].—Cramplike penetrating pain in the left metatarsal bones, and pain in the left sole, as if it were ulcerated (fifth day),[25f].—The whole forenoon, frequent dislocation pain in the joints, even on a slight movement (third day),[25g].—About noon (when at rest and in motion), in the muscles of the left upper arm, close to the bend of the elbow, a cramplike pain, which, in the course of two hours, gave place to an exactly similar pain in the sinews of the left popliteal space (fourth day),[25g].—[**2720.**] Annoying paralytic feeling on the outside of the left leg and left forearm (tenth day),[18a].—The limbs feel bruised, in the morning immediately after rising,[1].—**In the morning on awaking, bruised feeling and heaviness of the limbs* (third day); in the morning after awaking, bruised feeling in the limbs (fourth and fifth days); in the limbs, especially the upper ones, a bruised and heavy feeling which lasted all day (tenth day),[29a].—In the morning, all her limbs felt as if beaten (eighth day),[31a].—**Bruised feeling and drawing in the limbs* (seventy-eighth day),[45a].—Bruised feeling of the limbs, at noon (one hundred and seventh day),[45a].—She still feels in all her limbs as if suffering from a long illness (sixth day),[31].—Pressure on the upper and lower extremities, as if they would fall asleep,[1].—**Dragging, almost like a drawing, in the limbs*,[1].—***Drawing pain in the limbs, in the evening**,[1].—[**2730.**] Sudden drawing in the third and fourth fingers of the left hand, and in the left thigh (sixth day),[44d].—At night in bed, drawing pain penetrating into the marrow of the bones (similar to the pain that occurs when we hold a piece of ice a long time in the hand), now in the metacarpal bone of the right forefinger, now in the right knee-joint, but never lasting beyond a few seconds (fifth day),[25].—In the afternoon, drawing pains (when at rest), now over the left inner ankle, now in the shoulder-joint; now in the right, now in the left wrist; often alternating with sharp shoots in the rectum (second day),[25b].—Drawing in the right thigh, in the right shoulder and up the nape (fourth day)[38c].—Sudden drawing in the fingers of the right hand, in the left great toe, in the right tendo Achillis, but especially on the inner surface of the right thigh, in the afternoon (eleventh day)[44a].—Drawing in the right meta-

† At this time the weather was fine.

carpal (lasting almost all the afternoon), and in the left metatarsal bones, after dinner (eighth day),[44d].—Sudden drawing in the right thumb and forefinger, in the right forearm, and in the top of the left ear towards the occiput (eighth day),[44d].—**Drawing in the limbs, now here, now there*, especially in the right wrist (ninth day). Drawing in the limbs, which never lasted long, and always appeared again in another place (tenth day); drawing here and there in the limbs, worse in the left calf (eleventh day); drawing in the thigh, especially when sitting, and sudden drawing in the fingers of both hands during almost all the evening (fifteenth day); drawing in the right calf, the right thigh, and right thumb (twenty-fifth day); sudden drawing here and there, in the limbs (twenty-seventh day); drawing in the fingers of the left hand, and in the right thigh (twenty-ninth day); during the day, quite frequent drawing on the inside of the left thigh, and once in the right thumb (thirty-second day),[44f].—Transient drawing in the limbs, especially in the forearm, judging by the feeling in the bones, in the evening (sixteenth day),[45].—Sometimes drawing, sometimes tearing, and sometimes dull shooting pains in the upper and lower extremities, which leaped from one side to the other (fifth day); occasional attacks (sixth to tenth days),[39b].—[**2740.**] The drawing (tearing) pains in the limbs are aggravated by the feather bed until they are intolerable,[1].—Frequently, sudden tearing in the fingers of both hands, and in the dorsa of both feet (forty-fourth day),[22a].—Violent tearing scraping pains in the middle of the right tibia, and also, but not so severe, on the vertex and in the bone of the right arm (one hundred and thirty-fourth day),[45b].—When walking, violent tearing and shooting in the right knee and tibia, then suddenly the pain seemed to jump into the left, and afterwards into the right humerus, and so on, changing thus all day long (third day),[39b].—During the day, frequent tearing in the upper and lower limbs, and shooting in the soles, both when at rest and when moving (twenty-sixth day); the tearing pains in the limbs not so troublesome; the shooting in the soles gone (twenty-seventh day),[40].—At night, before falling asleep, shooting in the right hip, the left shoulder, and both thighs (eighth day),[33].—In the evening, severe shoots in the right calf and the right upper arm (sixteenth day),[33].—During the day, shooting pains in the left hip-joint, and in the ball of the left hand (fortieth day),[33].—Jerking and twitching in all the limbs, during which the teeth were clenched, with slight moaning, for eight minutes, followed by slumber for a quarter of an hour, then again jerking and spasmodic drawing in the limbs, after which he was very weak,[2].—A single jerk in the hand and foot, during the day,[1].—[**2750.**] Cracking of the knees and elbows,[1].—Sharp stitches, now in the left great toe, now in the left thumb (fifth day),[25a].

Superior Extremities.—Fine fugitive pains in upper limbs,[55].—Bruised feel in both arms,[63].—A kind of pain, as if sprained, in the arms, as after excessive fatigue, especially on raising the arm,[9].—**The arms pain as if beaten*,[1].—Cramp in the arm after midnight,[1].—Frequent falling asleep of the arm, for a quarter of an hour, especially after working; he was obliged to let it lie,[1].—Falling asleep of the arm for twenty-four hours,[1].—In the morning, on awaking, paralytic feeling in the right arm, lasting an hour (eighth day),[28c].—[**2760.**] Uncomfortable feeling of weight in the bones of the arms and in the chest, in the forenoon (sixth day),[29a].—Feeling of weight in the right arm, towards noon (fortieth day),[29].—Pressure and drawing internally in the arm, more during motion than during rest, especially on stretching it out or raising it,[1].—**Drawing and tearing in the*

arms and hands,[1].—At night, in bed, jerking drawing from one joint of the arm to another, but more in the joints,[1].—A very disagreeable drawing in the right arm, in the forenoon (one hundred and twenty-eighth day),[45b].—During the day, frequent gnawing and tearing in the bones of the right arm (twentieth day),[45b].—***Tearing and paralysis in the right arm**,[1].—***Tearing in the arm, not affecting motion**,[1].—In the evening, several shoots through the arms, like lightning (fifth day),[27g].—[**2770.**] Sudden pinching in the arms (eighteenth day),[34a].—***Shoulder.*** Swelling of the axillary glands,[1].—Purulent swelling of the axillary gland,[1].—A swollen oozing gland beneath the right arm,[3].—Pain in the shoulder-joint, as if dislocated, especially at night while lying upon it,[1].—Pain in the right shoulder, on breathing,[2].—**Rheumatic pain in the shoulder*,[1].—***Rheumatic pain in the left shoulder**,[1].—Very painful tension from the right shoulder towards the back, whereby the movements of the arm were somewhat impeded, in the morning (second day),[45c].—**Pressure, like a weight, in the shoulder, when walking in the open air*,[1].—[**2780.**] About 2 A.M., troublesome burning feeling, which extended from the shoulder over the left upper arm and between the scapulæ (third day),[25g].—**Drawing pain in the shoulder-joint and arm*,[1].—**Drawing pains in the shoulder* (twenty-first day),[34].—Drawing pain in the right shoulder, which went off by rubbing, alternated with scraping in fauces (second and third days),[32].—Frequent, but never long-continued, drawing in the right shoulder-joint, and continued drawing in the right thumb (twenty-fourth day),[44f].—Flying drawing and tearing in the left shoulder (tenth and eleventh days),[32].—Tearing in the shoulder-joints during rest, disappearing on motion,[3].—Tearing in the shoulders or shoulder-joints, especially at night, with gnawing or violent bruised pain and sticking, at first aggravated by moving the arm, afterward relieved,[3].—Tearing extending from the shoulder joint down into the humerus,[1].—In the morning, after awaking, tearing pains in the left shoulder-joint (ninth day),[33a].—[**2790.**] In the morning, in bed, tearing and shooting pains in the left shoulder, and violent tearing in the right upper arm; after getting up and walking about in the open air, the pains went off (sixth day),[36a].—In the afternoon, violent tearing pains in the left axilla, only whilst she was knitting or sewing; she had no pain when she laid aside her work (ninth day),[43].—Tearing in the right shoulder, which went off in the morning, leaving a weak paralytic feeling (eightieth day); tearing in the right shoulder, which lasted till noon (eighty-first day),[45a].—Severe tearing in the right shoulder (two hundred and twenty-second day); tearing in the right shoulder (two hundred and twenty-third day),[45b].—Slow tearing jerks from the shoulder or elbow-joints through the limb, most acute in the joint, so that it made him wrinkle his forehead and draw up his eyes,[1].—In the morning, in bed, attacks in the left shoulder of shooting-throbbing pain, of such violence as to cause him to cry out (sixth day),[18a].—At night, he awoke with violent shooting pains in the lower third of the left shoulderblade, much aggravated by movement, but also so violent when quite quiet that he could not sleep all night (tenth day); in the morning, these pains extended further upwards, towards the upper part of the scapula, whence they spread to the muscles of the nape and the left ear, and were worse when moving or turning the neck; they were less violent than in the night, and not so distinctly shooting, more drawing and tearing; they diminished gradually during the day, so that he thought he had quite lost them, but in this he was mistaken, for at night, in the warmth of the bed, they returned with renewed violence; at last he fell asleep, but on account of the

pains he passed a very restless night; he had never before experienced anything similar (eleventh day); in the morning, one hour after getting up, the pain in the left shoulder declined, and gave but little annoyance during the day; the pain in the left shoulder continued in a slight degree, but did not much disturb the night's rest (twelfth day); in the morning, in bed, he experienced the pain in the left scapula, but less violent than before, and nearer the joint; it lasted all day, and ceased towards evening (sixteenth day),[22c].—Shooting in both shoulders, in the evening (sixteenth day),[43].—In the morning, very painful shoots along the left shoulderblade, frequently recurring and lasting long (fourth day),[18a].—In the forenoon, while walking, a sharp cutting in the right shoulder, which was often repeated (first day),[45c].—[**2800.**] Stitches from the shoulder-joint into the arm when lying upon it, and on inspiration and expiration,[1].—**Stitches extending from the shoulder into the chest, only on motion*,[1].—**Stitches beneath the right axilla*,[3].—Throbbing in the left shoulder, as if in the bone,[3].—***Arm.*** Hard hot swelling on the left upper arm, in which there was a sticking,[1].—**Weakness of the upper arm so that he could not raise it*,[1].—**Jerking pressure in the deltoid muscle*,[5].—Aching in the humeri (forty-seventh night),[29].—Bruised pain in the left upper arm, which was also sensitive to external pressure,[3].—Cramplike pains in the muscles of the left upper arm on its flexor aspect (third day),[25e].—[**2810.**] Paralytic feeling in both upper arms, all the evening (sixth day); the same feeling came on after getting up, in the morning, and lasted almost an hour (seventh day),[44b].—**Sensation as if something heavy were hanging down on the upper arm*,[1].—**Heaviness and tension in the humeri* (third day),[29a].—**Feeling of weight in the humerus* (twenty-sixth day),[29].—**Aching-drawing pains in both humeri, after midnight* (fiftieth and fifty-first days),[29].—In the evening, violent drawing in the left upper arm, extending from the shoulder to the elbow, and lasting an hour (twenty-first day),[32].—Drawing in the right upper arm (after four days),[44f].—A drawing-tearing pain in the right upper arm, which frequently alternated with a feeling of paralysis, worse when at rest, better when moving the arm (fourth day); it lasted, with short intervals, for four days,[29a].—In the evening, tearing in the left upper arm (twenty-ninth day),[32c].—Tearing on the anterior surface of the left humerus,[3].—[**2820.**] Jerking tearing in the right upper arm and in the fingers of the left hand, in the evening (fifty-third day),[45a].—Twinging sticking in the right upper arm,[3].—***Elbow.*** A tension in the tendons of the elbow,[1].—In the morning, I felt in the bend of the right elbow a tiresome tension, both in flexing and in extending the forearm (eleventh day); feeling of tension present, but in a less degree (twelfth day),[44d].—In the afternoon, frequent paralyzed feeling in the right elbow-joint (eighth day),[35c].—Pressure in the elbow-joint, on motion,[1].—Bruised pain about the right elbow-joint, on lifting with the arm and on clenching the hand,[1].—Sharp acute drawing in the right elbow-joint,[1].—Tearing from the elbow-joint upward into the upper arm and downward into the forearm, even during rest,[1].—Tearing in and above the right elbow-joint during rest, disappearing on moving the arm,[3].—***Forearm.*** [**2830.**] Tension in a spot on the right forearm, as if the skin were raised by a needle, changing to itching after rubbing,[3].—The right forearm felt paralyzed and insensible, which disappeared on rubbing, at night, on lying upon the left side,[3].—In the left forearm, all day long, violent paralytic pains (fortieth day); pains present in a less degree (forty-first day),[44b].—Aching-boring pains in the bones of the forearm, with rigor (seventeenth day),[29].—At 3 P.M., boring-squeezing pain in the right forearm (second and third days),[18a].

—The left forearm was very sensitive to touch, and any slight exertion, such as the preparation of a medicinal attenuation, caused severe pain in it (fortieth day),[46b].—Sensation of falling asleep and heaviness in the right forearm,[3].—A drawing in the right forearm, near the elbow, which went like a stream of air or a breath over the part, and caused a feeling of paralysis (after one hour); drawing as on the previous day, but this time in the tibia, accompanied by a sensation in the small of the back as if a cool breath passed over it from without (although he was carefully wrapped up in his dressing-gown), (a quarter of an hour after dose, fourth day); a similar drawing near the right wrist and little finger and back of the hand (fourth day); the above-mentioned peculiar, frequently recurring drawing pain was occasionally present and very persistent (the first twenty-six days),[21].†—At noon, violent drawing in the right forearm, along the radius, and in the outside of the right leg (tenth day),[18].—Drawing in the right forearm (one hundred and thirtieth day),[45b].—[**2840.**] **Slow painful drawing in the forearms, as if in the nerves, extending from the elbows to the wrists* and back again,[1].—Tearing in the bones of the forearm, sometimes relieved by pressure and motion,[3].—Burning pain below the bend of the elbow; when touched, it felt numb or dead,[1].—***Wrists.*** **Stiffness of the wrists, especially in the morning*, disappearing during the day),[1].—Feeling of weakness and dislocation of the right wrist (forty-first day),[33].—In the morning, a peculiar sensitiveness of the wrists and finger-joints, especially on moving them (fifty-eighth day),[45b].—The left wrist has for some time been sensitive to the touch externally, on its ulnar side (two hundred and thirty-ninth day); tenderness on the wrists gone (two hundred and forty-second day),[45b].—About 7.30 A.M., a severe aching pain in the left wrist (eleventh day); pain in a slight degree (twelfth day),[42].—Pain as from a sprain in the right wrist, during rest and slight motion, at last entirely relieved by violent motion,[3].—**Pain in the wrist as if sprained*,[1].—[**2850.**] Dull drawing pain in the right wrist, alternating with similar pain in the forehead (fourth day),[25a].—Frequent tearing in the right wrist, in the forenoon (ninety-eighth day),[45b].—Tearing pain in the wrists,[1].—Painful stitches from within outward through the wrist,[1].—***Hand.*** Frequent swelling of the hands,[1].—Redness and swelling of the hands and fingers, as if frozen, with itching, in the evening, and tension on motion,[1].—Veins of the hands swollen,[1].—The hands are cracked, raw, and like a file about the first knuckles, soon,[1].—The tendons in the palms of the hands, above the two first fingers, seem too short, hard, and tense, so that the hands cannot be stretched out flat upon the table,[1].—The hands smelt strongly of Sulphur (ninety-third day),[45b].—[**2860.**] Trembling of the hands, on writing,[1].—Trembling of the right hand, in the morning,[1].—Slight trembling of the hands and great trembling of the right thumb (fourth day),[37a].—Involuntary grasping with the hands, especially in the afternoon,[3].—Powerlessness of the hands, in the morning after rising; obliged to make a great effort to hold anything with them,[1].—Weariness of the right hand, with tearing in the thumb,[1].—A kind of anxiety in the hands; was obliged to grasp something,[1].—**Tremulous sensation in both hands*,[1].—Hands tender, just the sort of feeling one has on

† Even after all other symptoms had disappeared, this one would frequently announce its presence. I am inclined to attach a great value to it, and to recommend it particularly to the attention of my colleagues. It had this peculiarity, that it generally commenced at the dorsal side of the limbs, in the neighborhood of the joints, penetrated deeply in, but without penetrating through to the palmar aspect.

entering a warm room after the hands have been much chilled in winter; this sensation went off before bedtime (ninety-ninth day),[45b].—Cramp in the left hand (after second dose, fifth day),[42].—[**2870.**] Late in the evening, a peculiar pain occurred in the left hand, which began on the articular end of the ulna, and extended to the phalanx of the index finger; its seat appears to be in the bone; it is burning, gnawing, increased by touch, and lasts till he goes to sleep (sixty-ninth day); in the morning, after waking, the pain again came into the left hand; it was, however, not so bad as yesterday, but it became very severe after dinner, especially when the finger was touched, and went off in the evening after exercise (seventieth day),[45a]. —Falling asleep of the hands, with crawling, immediately after immersing them in cold or warm water,[1].—***Burning of the hands,**[1]; (second, fifth, and eleventh days),[34a].—Burning in the hands, after eating,[1].—***Great burning in the hands** (twenty-seventh days),[34].—A burning stitch suddenly on the back of the hand,[1].—Drawing on the hand, with alternating stitches,[1].—Tearing in the knuckles of the hand,[1].—Violent tearing contractive pain in right hand (sixth day),[17c].—Tearing on the back of the right hand, at times as if in the bones, at times in the extensor tendons,[3].—[**2880.**] Tearing in the joints and fingers of the left hand, but only when moving them, in the evening (second day); recurred more frequently and violently (fourth to seventh day),[43].—Sharp penetrating tearings on the radial side of the left hand, extending to the little finger (one hundred and seventh day),[45a].—About 10 P.M., some shoots in the left palm (fourteenth day),[28].—*Crawling in the hands* as from formication,[1].—***Fingers.*** Swelling of the fingers, in the morning,[1].—Great swelling of the three middle fingers of both hands,[3]. —Finger-joints thick, stiff, red, as if frozen, with crawling in them,[1].—***Many hangnails on the fingers,**[1].—Involuntary jerking in the fingers,[2].—Deadness of the fingers, in the forenoon,[1].—[**2890.**] **Deadness of the fingers, in the morning;* they became bloodless, with numbness and crawling and wrinkled skin on the tips, for two hours, three days in succession,[1].—In the evening, cramp, stiffness, and icy coldness of the left ring finger, extending up to the elbow, corresponding to the seat of the common extensor muscle (fourth day),[31].—Falling asleep of the two last fingers, in the evening in bed,[1].—Numbness and falling asleep of the two little fingers,[1].—Numbness of the little finger, for a time,[1].—Painful contraction in the last fingers of the right hand (third day),[17b].—On extending the fingers, especially the left thumb, and in grasping an object, as, for instance, a tumbler, a sensation as if the tendons were too short, which caused a paralyzed sensation (first day),[39a].—Pain in the tips of the fingers, in the morning, as if the nails had been cut too short,[1].—Transient pains in the finger-joints (twelfth day),[15].—Occasional flying pains in some of the finger-joints and other parts of the body (after three months),[25c].—[**2900.**] **Pain on the flexor surface of the right middle finger, as from a sticking splinter,*[1].—**Pain, as from a sprain, in the first joint of the thumb,*[1].—In the morning, sensitiveness; a kind of bruised feeling in the carpal joint of the right thumb (fifty-ninth day),[45b].—**Cramp in the three middle fingers,*[1].—In the evening, in bed, for some seconds, penetrating cramplike pain in the left metacarpus (fifth day),[25e].—A cramplike, bruised, and swollen sensation in the middle joints of the third and fourth fingers (during the menses),[3].—Swollen sensation in the fingers, lasting some days (after two days),[48].—A burning jerking in the left middle finger,[1].—**Burning in the balls of the fingers* (in the forenoon),[1]. —**Burning in the tips of the fingers,*[1].—[**2910.**] Pinching and pressure in the ball of the left little finger every five minutes, while resting upon the

elbow, streaming up into the arm, with chilliness; during the day, the pain changed to violent stitches, also with chilliness, with a feeling in all the limbs as after a long walk,[1].—***Drawing pain in single short jerks in the fingers, in the afternoon,**[1].—Drawing in left thumb (thirty-second day),[18a]. —Drawing in the left thumb and the right upper jaw (fourth day),[44e].—Drawing pain in right forefinger,[63].—In the evening, drawing pain through the first joint of the left forefinger (sixteenth day),[25c].—In the forenoon, frequent painful drawing through the metacarpal bone of the left forefinger (third day),[25a].—At night, in bed, a semilunar painful drawing in the root of the nail of the right little finger (first day),[25f].—***Tearing in the fingers,**[1 3]. —Tearing in the finger-joints of the left hand, in the forenoon (twenty-second day),[43].—[**2920.**] Before going to sleep, tearing in the finger-joints (twenty-second day),[43].—Tearing in the first joint of the thumb, extending to the middle joint and over half of the back of the hand,[3].—In the evening, frequent tearing in the first joint of the left thumb (eighteenth day),[25c]. —At night, in bed, tearing under the nail of the left thumb (fortieth day),[25c]. —In the forenoon, acute tearing in the ring and little fingers; after the cessation of the tearing, there remains for a considerable time a creeping sensation in both fingers (two hundred and thirty-ninth day),[45b].—**Tearing sticking above the nail of the left ring finger, as if a needle were thrust in, especially violent in the evening,*[3].—In the morning, slight tearing in the second joint of the left little finger (twenty-third day),[25c].—In the forenoon, tearing pain on the inside of the phalanx of the left little finger, increased by pressure (thirty-seventh day),[25c].—Sudden tearing in the first joint of the left forefinger and in the left shoulder, about 5 P.M. (ninth day),[43].—**Shooting in the tips of the fingers, at night* (thirty-second day),[40].—[**2930.**] At night, sudden shooting in the middle joint of the right little finger (second day),[33a].—***Stitches in the tips of the fingers,**[1].—From 6 to 9 P.M., violent stitches, recurring every ten or fifteen minutes, through the whole length of the last joint of the right index finger, at the extremity of which an almost cartilaginous wart had existed for several years (fifteenth day); pain not severe (sixteenth day),[25c].—A constant burning-tearing stitch on the back of the middle finger,[1].—At night and in the morning, acute stitches through the joint of the left little finger (one hundred and ninety-third day),[45b].—**Crawling and prickling in the tips of the fingers* very acute, worse on hanging the arm down,[1].

Inferior Extremities.—**Uneasiness in the lower extremities, so that she could not remain in the house, two evenings, until going to bed,*[1].—**Weakness of the lower extremities, so that she could scarcely walk, and pain as if there were no marrow in the bones,*[1].—Sudden weakness of the lower extremities, especially of the leg, after a short walk,[1].—An anxious and weak feeling in the whole right lower extremity, while walking,[1].—[**2940.**] While lying, a feeling as if he could not raise a leg, though really he was able to do so,[1].—In the evening, great weariness in the lower extremities (fourth day),[16].—Feeling of prostration in the lower extremities, after dinner (third day),[39b].—**Painful heaviness of the lower extremities,*[1].—**Heaviness and weakness of the lower extremities, after a short walk,*[1].—Heaviness and weariness of the lower extremities, in the morning, in bed, disappearing immediately after rising,[1].—**Heaviness of the lower extremities*, and tension in the knees and thighs, more at night than during the day,[1].—Unusual heaviness and weariness in the lower extremities, several days,[48].—Unusual heaviness of the lower extremities, when walking, almost as if paralyzed,[1].—**Falling asleep of both lower extremities, in the morning, in*

bed, with great heaviness,[1].—[**2950.**] Falling asleep of the left lower extremity, for an hour, two evenings in succession,[1].—The right lower extremity seems numb, even while lying,[1].—Pain in the right leg up to the hip-joint, in the morning; about noon the pain in the right leg, especially in the hip-joint, became more violent (fifteenth day),[45b].—In the forenoon, he had to walk much, and when doing so, felt almost no pain in the right limb (seventeenth day),[45b].—**Bruised sensation in the lower extremities*, after walking in the open air,[1].—Drawing and bruised pain in the lower limbs, in the evening (sixty-ninth day),[45a].—Drawing pains in lower extremities recurred quite severely (fourteenth and fifteenth days). The subsequent days also they returned, but were every day less severe, until after a week they were quite gone,[44d].—**Drawing pain in the lower extremities, in the morning and evening, in bed*,[1].—**He would put the lower extremities out of bed, on account of tearing in them*,[1].—Violent tearing thrusts in the right lower extremity and hip-joint, in the evening, when walking; also, she cannot endure it without stretching out the limb, and cannot sit upon a low seat without pain,[1].—[**2960.**] Violent tearing in the lower extremities, extending from the heel into the thigh and hip-joint; while standing, worse in the knee-joint; relieved by walking, and at last entirely removed,[3].—Tingling in the lower extremities, as from weariness,[1].—***Hip.*** **Pain in the hip, only on motion and touch, as if it had been beaten blue, or as if he had fallen upon it*,[1].—**Violent pain in the hip-joint; he could not step; painful even to touch, at night*,[1].—**Violent pain in the right hip-joint, as if sprained, on the slightest motion, in bed, so that he cannot rise, in the morning, nor walk; pain even on touch*,[1].—**Sudden cramplike, very painful jerks about the hip joint*,[1].—In the morning, after getting up, dislocation pain, on walking, in the left hip (seventh day),[25a].—In the forenoon, dislocation pain in the left hip (when walking and standing), (after three hours),[25d].—The whole forenoon, sprained pain in the left hip-joint (on walking), (first day),[25f].—When walking, dislocation pains in the left hip, and at the head of the left fibula, causing him to limp (fifth day),[25g].—[**2970.**] Beaten feeling in the hip and pubic region, which is very tiresome even on sitting (two hundred and twenty-ninth day),[43b].—Bruised pain in the right hip, on sitting down and on moving the body to one side,[3].—**Tensive pain in the hip-joint, on walking*,[1].—In the afternoon, drawing tensive pain in the right hip, extending down the thigh (fortieth day),[29].—**Drawing pain in the left hip*,[1].—Drawing in the left hip and left thigh, in the afternoon (eleventh day),[44d].—**In the morning, violent shooting pains came on in the right hip-joint, which compelled him to keep his bed, as he could not raise himself nor move without the greatest effort. This very troublesome shooting pain extended through the right half of the pelvis down the right femur, avoided the knee, and reappeared as severely in the foot* (second day). The pain abated, he could again freely move the right hip and ankle-joints, and stand erect, the tenderness of the joints, however, persisted, now more, now less, for eight days longer (third day),[29].—**In the evening, shooting pains in the left hip, which extend to the upper third of the thigh, are worse when at rest, and are relieved by motion and by pressure* (second day),[33].—**At night, before falling asleep, shooting in the left hip-joint* (tenth day),[32a].—Frequent jerking deep in the left hip, disappearing on motion,[3].—[**2980.**] Sticking pain above the left hip, extending into the small of the back, when coughing,[1].—***Thigh.*** A kind of paralysis of the thigh, as if in the hip above the nates,[1].—The thighs and legs are so fatigued that I can hardly walk (fourteenth day),[15].—Twitching in the thigh and legs,[1].—Painful twitching in the direction of the left peroneus

longus, lasting several weeks, and making walking difficult,[18c].—**Soreness between the thighs, especially on walking, in the open air,*[1].—After sitting long the whole nates, together with the ischium, are painfully sore,[1].—**Sore pain between the nates,*[1].—**Pain in the posterior muscles of the thigh, while sitting,*[1].—Pain in the ischium, so that she could neither sit nor lie, even on touch, as if suppurating; on rising from a seat, the thighs feel asleep, with pinching in the ischii,[1].—[**2990.**] Slight feeling of pain in the centre of the external aspect of the right thigh (fourteenth day),[28e].—Pains in the tuberosities of the ischia, as if the weight of the body was too great, in the afternoon, when sitting (sixtieth day),[45a].—Pain, as from a wound, on the inner side of the thighs, in the evening,[1].—Pain in the tuberosities of the ischia, after sitting for a long time (eighty-ninth day),[45a].—Violent pain in the thigh, at night, as after a blow,[1].—Right natis painful,[1].—Lancinating pains in the thigh and left leg, towards noon (tenth day); more severe and longer lasting (eleventh day),[15].—***Cramp in the right thigh,***[1].—**About noon, both when at rest and when moving, he had frequently recurring, very troublesome, cramplike drawing in the muscles of the anterior internal surface of the right thigh, followed by sudden aching tension in the left side of the occiput* (eighth day),[25].—**On moving, cramplike tensive pain, now in the muscles posteriorly of the left thigh, now in the left calf, now in other muscles of the extremities* (second day),[25c].—**In the forenoon, painful cramplike tension, now in the muscles of the anterior internal aspect of the left thigh, now in the left calf* (fourth day),[25f].—[**3000.**] **Before going to sleep, crampy pain in the lower third of the left thigh, and disagreeable feeling of lassitude* (fourth day),[33a].—Bruised pain in the anterior surface of the thigh (twenty-fourth day),[43].—Bruised pain in the outer side of the thigh, when touched,[1].—Slight bruised feeling in the thighs (sixty-fourth day),[45a].—Painful tension in the right thigh, down to the knee (seventy-fifth day),[45a].—In the forenoon, whilst walking, great tension in the right thigh (one hundred and twenty-fifth day),[45b].—The thighs seem constricted by a band,[1].—At 8 A.M., a violent contractive pain in the whole right thigh, which lasted a quarter of an hour; was very much increased by walking, and often compelled me to stand still (seventh day),[44b].—Pressive pain in the thigh, all night,[1].—***Drawing pain in the thigh,***[1].—[**3010.**] Drawing pain in the tubera ischii, in the hip-joint, and in the upper half of the right thigh bone, which gradually went off in the course of the day (fifth day),[39].—Drawing in the inside of the right thigh, in the afternoon (second day),[44b].—**Drawing pain in the thighs*, which did not last long, but often recurred during the day, when walking. This was especially the case in the forenoon of the thirty-ninth day, when the drawing pains attained a troublesome degree of intensity, now in the right, now in the left thigh, usually posteriorly. At the same time I had a paralytic pain in the upper arms, almost all day long, and in the upper part of the trunk a feeling as if I had taken cold (after thirty-five days),[44b].—**In the evening, when walking, very severe drawing pains in both thighs* (forty-second day). In the morning, when walking, such violent drawing pains, especially in the right thigh, that I had often to stop, and could not walk without limping. These pains lasted all the evening, even when sitting, and only once went off, for a few minutes, to give place to a paralytic pain in the left forearm (forty-third day). The pain in the right thigh lasted all the forenoon; it is certainly not so bad as yesterday, but still bad enough to make me limp, when commencing to walk, when it is always worse. Judging by the feeling, this pain was deeply seated in the thigh. In the afternoon I had no painful sensation, though I had walked a great

deal (forty-fourth day),[44b].—In the morning and throughout the day, drawing pains in the right gluteal muscles and the muscles of the upper third of the right thigh, when walking, and especially when stooping (twenty-second day); drawing pains stronger (twenty-third day); drawing pains also extended to left thigh (twenty-fourth day); drawing pains in thighs gone (twenty-sixth day),[40].—About 2 A.M., there occurred by fits drawing pains in the lower third of the thigh, and feeling of tension in the left parietal bone, as if the skin were too tight and covered with ulcers (eighth day),[25a].—During dinner drawing and tension in the right thigh, afterwards, for instance, in the left (first day),[39a].—In the evening, tensive drawing pain in the left thigh (fortieth day),[29].—Painful drawing in the muscles of the right thigh, so that he could scarcely raise the leg or move it about (fifty-third day),[29].—Sometimes drawing in the right thigh (twelfth day),[41d]; (twelfth to fourteenth day),[44f].—[**3020.**] **Towards evening, such violent drawing, tension, and bruised feeling on the whole anterior surface of the right thigh, that he could scarcely walk, and then only limping much; the pain is somewhat increased by pressure* (fifteenth day); the pains in the thigh as yesterday; in the forenoon, when walking, these pains go off considerably, but reappear at noon, when sitting; immediately afterwards, cold feeling in both thighs, as if a cold air blew over them; in the afternoon, when sitting, the pains in the right thigh were very violent; they afterwards diminished, when walking, but recurred in the evening in a high degree of intensity, and occasionally disturbed his sleep at night (sixteenth day),[45b].—**Severe drawing and bruised pain in the thighs, in the morning, on awaking* (one hundred and eighty-sixth day),[45b].—Drawing backwards in the left thigh, especially in its middle, in the evening (twenty-fifth day); the drawing pain recurred in the morning, immediately after getting up; it is sometimes very severe, when walking, especially on commencing to walk, and also when sitting it went off entirely, but immediately returned, if I only took a few steps (twenty-sixth day),[44b].—Drawings in the left thigh, several times, when walking (fourth day); in the morning, painful drawing in the right thigh, especially when walking, which alternated with a similar pain in the right heel (fifth day),[44c].—Drawing in the left thigh, in the morning, after getting up (third day); drawing in the left thigh and on the left side of the lower jaw, in the afternoon (fourth day); in the afternoon, sudden drawing in the left thigh and lower jaw (fifth day),[44d].—Drawing in the left thigh, in the afternoon, immediately after taking the tincture (nineteenth day),[44f].—In the forenoon, drawing downwards on the inside of the left thigh (sixth day),[32].—Jerking in both thighs, as if in the bone,[3].—At night, before falling asleep, shooting in the left thigh, in the direction of the crural nerve, for more than half an hour (thirty-seventh day); in the morning, on awaking, the pain in the left thigh recurred more violently than the preceding night; it was conjoined with great weakness, almost approaching to paralysis, but it was relieved by getting up, and went off in the course of the day; at night, traces of pain in the thigh (thirty-eighth day); traces at night (thirty-ninth day),[33].—In the evening, before going to sleep, sudden shoots in the left thigh, in the course of the crural nerve, relieved by walking (second day),[25a].—[**3030.**] Tearing in the thighs and also in their bones, frequently extending to the knees, mostly relieved by walking,[3].—Tearing in the thighs and legs, at night, in bed; she could not get warm in bed,[1].—Violent tearing in the right thigh, extending from the knee to the crest of the ilium, followed by prostration of the whole body,[1].—Sticking and burning on the inner side of the left thigh,

relieved by rubbing,[1].—***Knees.*** Rigidity of the knees,[1].—Stiffness and weight in the knees, especially on rising from his seat (twenty-fifth day),[34].—**Stiffness in the hollows of the knees,*[1].—Weakness of the knees, especially in the forenoon; after ascending steps a burning in the joints,[1].—Feeling of weakness in the knees, in the morning, in bed,[1].—The knees seem relaxed, as if they would give way,[1].—[**3040.**] Giving way of the knees, when walking,[1].—Soreness of the knees, as if sprained, on descending steps,[1],—**Cracking in the knees* (second day),[1].—**Tension in the knees, on rising from a seat, on walking, and especially on going upstairs,*[1].—Tension in the knees and calves, on going upstairs (seventeenth day),[34a].—**Tension in the hollow of the knees, extending to the feet; the knees frequently become spasmodically flexed and again extended* (in bed),[2].—**Tension in the right knee, so that he could not stretch out the leg,*[1].—Sensation in both knees as if grasped by both hands, in the evening,[3].—***Tightness in the hollows of the knees, as if too short, on stepping,*[1].—***Pain in the knees, as from stiffness, on rising from a seat,*[1].—[**3050.**] Dislocation pain in the left knee, while walking (sixth day),[25].—Dislocation pain in the left knee and ankle (at every step), (third day),[25f].—Bruised pain in the knee, when rising from a seat and on bending it,[1].—A weary pain in the knee-joints,[1].—**Violent cramp-like pressure in the hollows of the knees, extending to the ankles, mostly while sitting, with great weariness and tensive headache, twice a day, for an hour at a time, in the afternoon,*[1].—**Pressure on the left patella, while sitting and walking,*[1].—**Pressure in the knee-joint, on moving it,*[1].—**Dull sticking pressure in a very small point on the outermost tip of the knee,*[1].—**Violent drawing and tearing through the knees and tibia, especially in the evening; she does not know where to lay the legs,*[1].—Momentary drawing in the knees, arms, and shoulders,[1].—[**3060.**] Between 10 and 11 P.M., in bed, a cramp-like drawing pain, penetrating from the right knee outwards in the joint, which sometimes alternated with a precisely similar but slighter pain in the left knee-joint (second day),[25c].—Tearing from the knees to the toes, with heaviness of the feet, so that she could scarcely slip along,[1].—At 3 P.M., violent tearing in the right knee and ankle (second and third days),[18a].—**Tearing and a feeling as if sprained in the left knee, only when stepping; after lying down it disappears, but returns in the morning,*[3].—**Tearing in the left knee, about noon* (twenty-first day),[43].—**Tearing in the left knee, only when walking,*[3].—**Tearing in the left patella, externally, disappearing on continued walking,*[3].—At 11.30 P.M., while sitting, an acute shoot in the bend of the right, and then in that of the left, knee, with horripilation on one side of the chest (second and third days),[18a].—At night, in bed, a pain piercing through the right knee-joint, which lasted from twenty-five to thirty seconds, and followed by a sharp shooting pain under the nail of the right great toe (third day),[25f].—In the morning, when walking in the open air, an aching-shooting pain on the whole of the right knee; when sitting, slight numbness and warmth in the knee. (This pain was exactly similar to that of a periostisis he had suffered from three years before, in consequence of a severe fall.) In the afternoon, the pain was scarcely felt, when walking (seventh day). In the morning, after awaking, very violent pains in the lower parts of the knee-joints. When he went out, after taking about one hundred steps, he had two cracks in his patella, and boring pains in it; he finds it particularly difficult to go upstairs (eighth day). The affection of the joint lasted, with slight remissions, nearly a month,[41b].—[**3070.**] At 5 P.M., shooting above the right patella, when walking (fifth day),[21].—In the forenoon, shoots in the right knee-joint, when standing

(thirty-fifth day),[33].—Shooting pains in the right knee-joint, especially when standing (thirty-ninth day),[33].—**Sticking pains in the knees*,[1].—**Long stitches in the knees, causing shivering and fright*,[1].—**Sticking in the knee, on slight motion* (a cracking in it), and on ascending steps, but scarcely at all when walking upon a level,[1].—***Sticking in the knee and tibia** (third day),[1].—***Sticking in the right knee**,[1].—Sticking in the right knee, only from standing, then in the left wrist,[1].—Glowing hot, burning stitches in the bend of the left knee, so that she started up,[3].—***Legs.*** [**3080.**] Veins on the legs swollen,[1].—Legs itching, inflamed, and swollen,[66].—Remarkable unsteadiness of the legs and uncertain tread, worse when going upstairs, in the afternoon (third day),[41b].—**Trembling and weariness, sticking and tearing in both legs, from the knees to the feet; while sitting more a tearing, while walking a sticking and tension, during which the toes are icy cold*,[1].—Some varicose veins, which had persisted in the right calf for ten years, became visibly less, and a swollen state of the whole leg below the knee, which had lasted the same length of time, is diminished (ninth day),[45a].—At night, feeling of great weakness of the left leg, and shooting pains in the left hip-joint (forty-first day),[33].—Weak in legs, so that they were unable to go upstairs,[76].—In the morning feeling of weariness and heaviness in the legs (thirty-second day),[29].—Feeling of weariness in the legs, when sitting and standing, not when walking (seventh day),[44].—Feeling of tiredness in the left leg (fifth day),[25f].—[**3090.**] The legs feel asleep, with crawling burning, when rising,[1].—Heaviness of the legs, at night, in bed (tenth day),[44f].—A tearing feeling of weight and weariness in the legs, in the morning, in bed (eleventh day),[44f].—Great tension in the right leg, especially in the knee-joint (eleventh day),[45a].—On account of tensive pain in the right leg, he could not lie on the right side (twenty-second day),[45b].—Great tension and weight in the right leg, after dinner, when standing (seventy-ninth day),[45b].—Tension in the whole right leg, especially the thigh and knee (two hundred and seventy-sixth day),[45b].—Tension in the right leg, in the morning (eleventh day),[45c].—Slight burning and tearing at the lower end of the right leg, in the forenoon (eighty-seventh day),[45a].—Some burning in the right leg, in the morning, and recurrence of it in the evening, after some exercise (forty third day); in the morning, some burning on the right leg (sixty-first day); burning on the right leg, in the morning, after rising (sixty-fourth and one hundred and first days); severe burning on the right leg (one hundred and seventh day); slight burning of the right leg, in the morning (one hundred and seventeenth day); burning on the right leg (one hundred and twenty-fifth day); severe burning on the right leg, in the morning (one hundred and thirtieth day); slight burning on the right leg (one hundred and thirty-ninth day); severe burning in the right leg (two hundredth day); slight burning on the right leg (two hundred and thirty-ninth day); burning on the right leg (two hundred and forty-seventh day); severe burning in the right leg (two hundred and fifty-fourth day); burning in the right leg, in the morning (two hundred and fifty-fifth day); severe burning and tension in the right leg, in the afternoon, when sitting (two hundred and fifty-eighth day); burning pain in the right leg (two hundred and fifty-ninth, two hundred and sixtieth, two hundred and seventy-fourth, and two hundred and seventy-fifth days),[45b].—[**3100.**] A feeling as if cold water were dropping on the legs,[66].—The right leg somewhat painful (ninety-sixth day),[45b].—At night, violent pains on the right leg, which did not allow him to lie on that side (two hundred and twentieth day),[45b].—Quite severe pain in the right leg, after dinner (two hundred and twenty-

first day),[45b].—At night, pains along the bone in the right leg; on account of them he could not lie on the right side (one hundred and seventeenth day),[45a]. —Pains in the right leg (two hundred and thirty-fifth day),[45b].—Paralytic pain in the left leg (soon),[18a].—Bruised pain on the inner portion of the leg, by the tibia, when touched, as if the flesh were loose from the bone, in the evening,[1].—Violent cramp in the legs,[64].—**Inclined to cramp in the leg, on stretching out the foot*,[1].—[**3110.**] **Tearing in both legs, extending into the middle of the thighs*,[3].—***Tearing in the legs, from the knees to the feet, while walking and sitting**,[1].—Jerking tearing on the inner side of the right leg, soon after taking the medicine (sixty-fourth day),[45a].—Tearing in the right leg towards the ankle, at noon (two hundred and seventy fourth day),[45b].—Some tearing in the lower part of the left leg, in the afternoon (first day),[45c].—Swelling of the calves,[1].—The calves are very painful on ascending steps,[1].—* *Weary pain in the calves, at night only, in bed*,[3].—Tremulous sensation in the calves, while standing,[1].—Tightness, tension, and constrictive pain in the calves, as if they were sewed up,[1].—[**3120.**] In the morning, when walking, aching tension in the whole of the right calf (as if it were too short, and made of wood), lasting half an hour (ninth day),[25].—Severe tension in the right calf (two hundred and thirty-fifth day),[45b].—Tiresome tension in the right calf, in the forenoon (two hundred and thirty-fourth day),[45b].—* *Cramp in the calves*, while dancing,[1].—***Cramp in the calves, even when walking, when they were painful, as if too short**,[1].—* *Cramp in the calves, on stretching out the legs, at night*,[1].—* *Violent cramp in the calves, in the morning, in bed*,[1].—Severe cramp in the calves, which always occurred in the forenoon, when walking, and compelled him to stand still, but never lasted long (ninth to eighteenth day),[41b].—At every step he felt a cramplike pain in the left calf, and pains in the corns of the left foot (after two hours, second day),[25].—On stretching out the legs, in bed, he had a very painful cramp in the right calf (second day),[25].—[**3130.**] Between 7 and 8 P.M., when walking, cramp pains in the lower part of the left calf, and dislocation pain in the left ankle-joint (fourth day),[25a].—In the evening, in bed, on stretching out the legs, very painful cramp in the left calf, causing him to cry out; it lasted from fifteen to twenty seconds; this cramp continued to annoy him long after completing the proving (eighth day),[25a].—Constrictive pain in the calf,[1].—Gurgling pain, as from drops of water, extending downward, in the left calf,[3].—Drawing alternately in the calves, tibiæ, and sole of the foot,[1].—Griping drawing in the calves, while sitting, relieves while walking,[3].—About 6 P.M., when walking, drawing in the muscles of the right calf, which went off immediately on standing still or sitting, but instantly returned on walking (second day),[44c].—**Tearing, with sticking back and forth from the calves to the toes, in the evening, while standing and sitting down;* the foot jerks inward, with a tremulous sensation in the whole body, heaviness and tearing in the whole of the back, chilliness, without thirst, with red cheeks, without heat; afterwards it affected the pit of the stomach, a tension and constriction under the ribs, with oppressed respiration, and many stitches in the whole chest and upper abdomen,[1].—**Sticking pain in the right calf*,[1].—Glowing burning and boring in the right calf, in the evening,[3].—[**3140.**] At noon, sore feeling on a spot, the size of a crown, in the middle of the right tibia; this pain lasted some hours, in the afternoon, went off towards evening, in order to give place to an aching pain in the small of the back (one hundred and thirty-ninth day),[45b].—From time to time bruised pain in the outside of the left tibia, in the afternoon (third day),[18].—Severe drawing pain in the tibiæ (one hundred and fifty-fourth

day),[45b].—About 7 P.M., when at rest, first a painful drawing along the left tibia (feeling as if in the periosteum), followed by very violent stitches in the back, near the left scapula (first day).[25g].—Drawing pains in the right tibia, and frequent prickling in legs (sixth day),[34a].—Frequent drawing in the tibia (one hundred and fifty-sixth day),[45b].—At noon, tearing pains in left tibia (fifth day),[20].—In the afternoon, tearing in the left tibia (forty-third day),[28c].—A very tiresome digging and tearing pain in the left tibia, in the evening, when walking; it only lasted a few seconds, but in the course of a quarter of an hour, it recurred in fits some twelve or fifteen times (twelfth day),[39b].—Flying shoots in the left tibia (decidedly in the bone), which went off in half an hour, in the evening (seventy-first day),[45a]. —[**3150.**] In the evening, violent tensive pain in the left tendo Achillis (second day); the pain in the tendo Achillis, which was completely subdued during the night, returned in the morning with increased intensity, was especially bad when at rest, and relieved by walking, and perfectly resembled the gouty symptoms he had suffered from years previously (third day),[20].—In the afternoon, some shoots in the left tendo Achillis (fifth day),[25e].—About 2 P.M. (when at rest), several violent shoots in the tendo Achillis, near the os calcis (first day),[25f].—Violent stitches in the tendo Achillis, almost every five minutes,[1].—***Ankle.*** Swelling on the malleoli, with pain, as if sprained, on motion,[1].—The ankles turn easily, especially on descending steps,[1].—***Stiffness of the ankle about the malleoli,**[1].—Cracking of the ankles, on moving them,[1].—Cracking of the ankle, on stepping, as if dislocated,[1].—Tension about the ankle, when walking,[1].—[**3160.**] On every movement, pain in the ankles (forty-fifth day); in the morning the ankles were so painful he could scarcely stand; however, he persisted in using his feet, and the pain gradually diminished as he walked, and finally disappeared completely (forty-sixth day),[22a].—**Pain, as from a sprain, in the left ankle, on standing and walking,*[1].—Boring pains in the right inner malleolus, which lasted nearly half an hour, about noon (twelfth day),[44a].—When walking, frequent dislocation pain over the left inner malleolus (fifth day),[25].—At night, numb feeling and great lassitude in the left ankle-joint (second day),[32a].—At night, before going to bed, aching squeezing pains in the left ankle, which, after lasting a short time, give place to shooting pains in the left sole (third day),[32a].—Cramplike drawing pain (when at rest or in motion), in the right inner malleolus, alternating with a dull drawing pain in the right side of forehead (in one hour, second day),[25c].—Drawing in the right ankle, about 6 P.M. (sixth day),[44d].—Cramplike painful drawing from the right inner through to the outer ankle (when at rest), (seventh day),[25].—Transient drawing, gnawing pain about the left ankle-joint, in the morning, on awaking (seventy-first day),[45a].—[**3170.**] Burning griping in the ankle, the burning aggravated, after rubbing,[1].—Sticking beneath the left malleolus, even during rest, more on stretching out the foot, and also at other times on the slightest motion, which prevented his walking,[1].—***Foot.*** Swelling of the feet, in the warmth of the bed, disappearing out of bed,[1].—Swelling of the right foot, when walking, in the open air,[1].—The feet turn over, when walking,[1].—Jerking of the feet, during slumber,[3].—Weariness of the feet,[1].—**Great heaviness of the feet, especially of the ankles,*[1].—**Feet heavy, when walking, in the open air, becoming much lighter on continuing to walk,*[1].—Heaviness of the feet, in bed, in the morning (twenty-fifth day),[34].—[**3180.**] ***Heaviness of and burning in the feet** (sixth day),[34].—**Feeling of weight in the feet* (ninth day),[44f].—**After midnight, cramplike penetrating pain, extending from the metatarsal bones to*

the sole and first joints of instep of the left foot, which, after lasting a short time, was succeeded by a precisely similar pain in the right foot (first night),[22b]. —In an hour, a series of symptoms in the left foot, namely, first a painful drawing in the first joint of the great toe (at rest), afterwards (when moving) a cramp-like penetrating pain, at one time in the inner malleolus, then in the lower part of the calf; again in the knee-joint, and in the inguinal region (first day),[25c].—**In the morning, on awaking, violent pains in the right foot; they are of an aching drawing character,* and are only a little relieved after getting up (two hundred and seventy-seventh day),[45b].—**Tension in the right foot, on moving the toes,*[1].—**In the morning, tensive pain in the right foot* (thirty-third day),[45b].—**Tensive pain in the right foot, after dinner* (eighty-first day),[45b].—Tension in the right foot (eighty-fifth day),[45a].—Tensive pain in the left metatarsus and the left great toe, especially on touching or moving it (twenty-third day); the tensive pain in the left metatarsus and great toe continues (twenty-fourth and twenty-fifth days),[22a].—[**3190.**] **Drawing in the feet, and extending up into the hips, with cracking in the joints, on every movement,*[1].—Some shoots in the left sole and left testicle (fourth day),[23e].—**Tearing in both feet, at night, then they seemed rigid, which deprived him of all sleep,*[1].—**Tearing in the right foot,*[1].—**Tearing and sticking in the sore foot, at night,*[1].—**Sticking in the right foot,*[1].—**Stitches in the ball of the right foot,*[1].—Throbbing, as from the jumping of a mouse, in the outer border of the right foot,[3].—**In the evening, burning in the feet* (eighteenth day),[34].—**Burning in the feet and eyes* (nineteenth day),[34a].—[**3200.**] **Burning across the back of the foot,*[1].—**A sudden burning stitch on the back of the left foot,*[1].—A pinching sticking in the back of the right foot, worse on motion,[1].—Violent momentary pain in the left heel,[1].—Drawing in the outer portion of the left heel, in the evening, after lying down,[3].—Cutting in the heel, extending to the hollow of the foot,[1].—Tearing in the right heel, for half an hour,[1].—Fine sudden shoots on the outside of the left heelbone (fifth day),[39e].—Stitches, as from a splinter, in the right heel,[1]. —**Sticking crawling in the right heel,*[1].—[**3210.**] The soles become soft, sensitive, painful when walking,[1].—A quiet pain in the soles of the feet,[1].—The soles of the feet are painful, as if suppurating, when stepping upon them, in walking,[1].—Numbness and crawling in the soles of the feet, relieved by rubbing,[3].—Falling asleep of the left sole, in the evening,[3].—Tension in the soles, as if too short, when stepping,[1].—Tension in the hollow of the foot,[1].—Tensive pain in the sole of the right foot, at noon, when walking (seventy-eighth day),[45b].—*Cramp in the soles of the feet, on every step,*[1].—On walking, cramplike pain in the soles, extending to the toes (eighteenth day),[34a].—[**3220.**] Drawing pain in the soles of the feet, in the morning, in bed; even when rising, a violent pain in them,[1].—Tearing in the sole of the right foot, relieved by rubbing, in the evening,[3].—Stitches in the soles of the feet,[4].—Painless jerking in both soles, that disappears on motion,[3].—Beating in the hollow of the left foot, for an hour, in the evening,[1].—***Burning in the soles of the feet,** *on stepping, after sitting a long time,*[1].—**Burning and itching in the soles of the feet, not to be endured,* especially when walking,[1].—* *Violent burning in the hollow of the left sole, in the evening,*[3].—***Toes.*** Cramp and flexion of the toes, with bruised pain; relieved by violent pressure, during the menses,[3].—The toe-nails, especially of the middle toes, become thick, horny, and misshapen (two hundred and eighth day),[45b].—[**3230.**] The horny thickening of the toe-nails has considerably diminished; the nails of the fourth toe of both feet are still thicker than usual, but much less so than during the summer (two

hundred and fiftieth day),[45b].—Swelling of the toes,[1].—Inflammation and swelling of the great toe, with pain,[1].—Inflammation of the corn, with pain,[1]. —For some days past he had noticed traces of blood on his sock, which proceeded from a hæmorrhage below the nail of the little toe; no pain attends it (ninety-first day); during the day, much blood comes from beneath the nail of the left little toe (ninety-second day); more blood has been discharged from under the nail of the left little toe (one hundred and seventh day),[45a].—**Pain in the nail of the great toe,*[1].—Dull pain in the balls of the left toes,[1].—**Cramps in the toes, on stretching out the feet,*[1].—**Pressive pain and soreness on the inside of the nail of the great toe,*[1].—**In the morning, in bed, a sudden sharp, cutting pain from behind forwards in the left great toe* (fifth day),[22e].—[**3240.**] In the evening (when at rest), a sharp cutting, from behind forwards, along the inner border of the left great toe (second day),[22f].—During the whole day, especially when walking, a feeling of tension in the metatarsal bone of the left great toe, and in the toe itself (twelfth day); the pain in the dorsum of the left foot was present all day long, and was also present at night (thirteenth day); pain in a less degree (fourteenth day); pain in foot gone (fifteenth day),[22a].—At 8 A.M., every time he made a step upstairs, he had shooting dislocation pain in the metatarsal bone of the right great toe. The same pain occurred also in the afternoon, when walking, but then beneath the left outer external malleolus (second day),[25].—**Shoots, as from a fine needle, in the left great toe* (soon, sixth day),[25].—**In the evening, in bed, several very sharp shoots (as from a blunt nail), in rapid succession, at the root of the nail of the right great toe* (sixth day),[25a].—**In the forenoon, some violent shooots, now in the left, now in the right great toe* (second day),[25b].—Drawing-tearing pains in the metatarsus and toes of the right foot (first night),[28a].—Tearing in the first joint of the right great toe,[3].—Sticking in the tips of the toes, while sitting and lying,[1].—Fine stitches in the middle and both great toes,[1].—[**3250.**] Stitches in the forepart of the left great toe,[3].—**Pain in the corns* (twenty-seventh day),[24].—**About* 4 P.M., *and all the afternoon, constant pain in the corns, as if the boot pressed on them, and frequent alternation of a drawing penetrating pain, combined with feeling of stiffness, now in the joints of the left great toe, now in the right ankle-joint, now in the ligamentous connection of the right ankle, with the metatarsal bone (at rest and when moving),* (first day),[25b].—***Corns painful, as if pressed by a tight shoe,***[1].—Pains in the corn of the right little toe (one hundred and twenty-seventh day),[45b].—***Frequent violent sticking in the corns,***[1].—**Sticking in a corn, at night, in bed,*[1].—** Violent stitches in the corn, in the evening, in bed, several evenings,*[48]. —Sticking burning in a corn, in a wide shoe,[1].

Generalities.—***Emaciation,***[34 45c].—[**3260.**] The venous blood, instead of becoming red in the air as usual, seemed to be partly melanotic, changed less in the air, and in part did not become red at all; the arterial was redder and turbid, dependent on the dissolved coloring matter of the blood. The blood was unable to take up as much oxygen and to give out as much carbonic acid as before the use of Sulphur. The coagulum formed slowly; even after twenty-four hours it had only partly separated from the serum. The blood-clot, after the use of Sulphur, was 3 per cent. larger than before,[46].—The blood of patients who take large doses of Sulphur for a long time, becomes darker in color and richer in white corpuscles,[46].—The solid constituents of the blood generally, both of the serum and of the albumen, were diminished after the use of Sulphur,[46].—Experiments on both healthy people and patients showed, that after the use of Sulphur, the solid constituents of the blood constantly diminished, the blood-corpuscles

became less numerous, apparently gave out more carbonic acid and took up more oxygen,[46].—The general action on the blood was a diminution of the solid constituents, of the serum, albumen, fat, fibrin, blood-corpuscles, and of the clot. In only two observations was there an increase of the fibrin, in a third an increase of fat and clot, in a fourth of serum and albumen, in a fifth of serum and clot. In general it can be said there is scarcely any secretion or excretion which is not increased by the action of Sulphur,[46]. —Extraordinarily large doses cause the death of the blood-corpuscles in such quantities that they cannot all be eliminated; if continued, smaller doses are taken, the blood is freed from the blood-corpuscles, *which are dissolved*,[46].—* *Universal tremors* (after one hour),[51].—The next morning slight twitchings of the muscles of the face and extremities were noticed, which soon developed into a general convulsion; this subsided in a few minutes, consciousness returning slowly. As soon as reaction was fully established after a chill the spasm returned, this time in a tonic form, affecting first the right side, then the front of the body, afterwards the back, and finally the jaws; the latter were so firmly set that nothing could be administered by the mouth. Subsidence of the spasms soon followed, the muscles immediately relaxed, and the child died instantly,[67].—The body was tossed high up, as by a violent jerking,[3].—* *In the afternoon, while fully awake, he started high up, and at the same time a shivering ran through his whole body*,[1].—[**3270.**] Epileptic paroxysm after starting up, or after running violently,[1]. —Epileptic paroxysm, starting from the back or arm, as a running like a mouse, drawing the mouth to the left and right, and moving about painfully in the abdomen, then twisting the left arm with retracted thumb, followed by trembling of the right arm; then the whole body was shaken up and down, with very short breath, which, after the paroxysm, was still shorter; she screamed during the paroxysm, but could not speak (after twelve days),[1].—A genuine hysterical paroxysm, which lasted several hours, and associated with a species of choreic jerkings,[69].—***Constant weakness and weariness**,[1].—* *Weakness, so that they were unable to do anything*,[76].—Weakness and sleepiness, every afternoon from 2 to 3,[1].—***Weak and prostrated, in the afternoon**,[1].—* *Very weak, in the afternoon; he was constantly obliged to sit down and had no strength to walk*,[1].—So weak from riding in a carriage that he could not recover himself; afterwards sleepy all day,[1].—* *Great weakness, prostration, and dread of work; he was averse to everything, even to talking*,[3].—[**3280.**] * *Very weak and tremulous, when walking* (after smoking a cigar),[1].—* *He became very weak from a short walk*,[1].—* *Great weakness after a stool*,[1].—***Weariness** (fourth day),[20]; (eleventh day),[34a]; (fourth day),[45c].—* *Great weariness* (sixteenth day),[34a].—***Great weariness and sleepiness, all day**,[1].—* *Continued weariness;* the weariness goes off on walking about for some time, in the open air (twenty-fifth day),[34].—* *In the morning, great weariness* (sixth day),[32a].—* *General weariness and discomfort of the whole body* (thirteenth day),[29].—* *After dinner, weariness* (third day),[20a]. —[**3290.**] * *Weariness, as after an illness*,[1].—Weariness, making him faint, on lying down,[1].—Feeling of weariness, while walking (fourteenth day),[22]; (second day),[22c].—In the evening, great weariness and prostration, so that he has to go to bed earlier than usual (seventh day),[45b].—* *Feels tired and knocked up* (ninetieth day),[45a].—* *In the morning he was tired and unrested* (second day),[25b].—* *Walking was irksome; the feet would not carry her; it seemed as if a weight were upon them, with tension across the chest*,[1].—***Weariness disappears, on walking**,[1].—* *Lassitude all day*,[1].—* *Great lassitude*,[32 34 34a 42a].—[**3300.**] Increased lassitude (eleventh to eighteenth days),[32].—Great

lassitude, in the evening (ninth day),[41f].—**In the morning after getting up, great lassitude* (fifth day),[42a].—**Great lassitude, after walking* (second day); very great lassitude (fourth day); uncommon lassitude (sixth day),[34].—**Great lassitude and sleepiness*, so that he could not help falling asleep (twentieth day),[34].—**In the evening, such great lassitude that he had to go to bed* (eighteenth day),[32].—**Great lassitude and drowsiness, by day* (second day),[34a].—Very troublesome lassitude (ninth day),[34a].—**General lassitude* (second day),[33]; (one hundred and first day),[45a].—In the evening, great lassitude (fourth day); in the evening, general lassitude (sixth day); at night, disagreeable feeling of lassitude, as if he had ridden or swam a great deal (eighth day),[32].—[**3310.**] **A feeling of lassitude, in the morning after waking* (one hundred and third day)[45a].—Feels very weary, prostrated, and ill (fourth day); feels quite prostrated and ill (fifth day),[31].—Excessive prostration, almost amounting to trembling of the limbs (eighth day),[31a].—**Great prostration* (tenth day)[34]; (two hundred and fifty-sixth day),[45b].—At noon, great prostration, lassitude (one hundred and seventh day),[45a].—**Languor and prostration* (fourth day),[45e].—**Exhaustion of the whole body* (fifth day)[39b].—Sometimes so exhausted in the evening that he fell asleep, sitting on a chair, though people were talking loudly around him (eleventh to eighteenth days),[32].—**Extreme faintness* (after one hour),[51].—Faintness, lasting a quarter of an hour,[1].—Faintness, like a disappearance of power from the upper and lower extremities; he began to lose consciousness (seventh day),[1].—[**3320.**] Faintness and vertigo, in the afternoon, with much vomiting and perspiration,[1].—Slight uneasiness, in the morning (fifth day),[45e].—***Uneasiness** (eighty-first day),[45a].—***Uneasiness and apprehension the day before the menses**,[1].—**At noon, a peculiar uneasiness and excitation of the nervous system* (two hundred and sixth day),[45b].—***Great uneasiness, so that he could not sit long; even while lying he was constantly moving the feet**,[1].—***Great uneasiness and orgasm of blood**,[10].—Restlessness, in the evening (sixteenth day),[45].—Great restlessness and pain in forehead, with febrile heat (thirty-eighth day),[32].—Tossed about uneasily in bed, and could not help thinking he was going to be seriously ill (thirty-second day),[33].—[**3330.**] Feeling of nervousness (eighty-fifth day),[45a].—Great excitement after drinking tea, though he is in the habit of doing so,[17b].—Nervous excitement, at night on going to bed (third day),[18].—**Uneasiness in the blood*, with swollen veins on the hands,[1].—Great sensitiveness to the open air,[33 34 45a 45b].—**The child is excessively sensitive to the open air, and will not go out* (first day),[1].—Dread of catching cold (nineteenth day),[34a].—**Very much inclined to take cold*,[1].—After a glass of beer, immediately ebullition of blood, and great sleepiness (fifth day),[34].—General feeling of illness (fifth day),[33].—[**3340.**] Discomfort, in the evening (sixteenth day),[45].—Uncomfortable feeling of general derangement, in the evening (seventeenth day); feeling of illness; general discomfort, at noon (eighteenth day); uncomfortable feeling in the whole body, in the evening (sixty-ninth day); general ill feeling, in the morning (seventy-eighth day); peculiar feeling of general derangement, with prostration (ninety-fifth day),[45a].—Feeling of general derangement (two hundred and sixty-sixth day),[45b].—Indescribable discomfort accompanied anxious state (fourth day),[30].—Uncomfortable feeling, as if the whole body were dislocated,[1].—Feeling of fulness in the body (in three hours, thirtieth day),[29].—**Pains throughout the body*,[51].—Want of life, like an internal coldness; heat almost constantly, alternating with chilliness; pale look, with blue rings around the eyes, with dread of heat in the cold, and dread of cold in the heat,[1].—The limbs,

arms, cervical muscles, scalp, nates, and feet fall asleep easily, especially when lying down,[1].—In the morning after getting up, bruised feeling over the whole body (sixteenth and nineteenth days),[32].—[**3350.**] In the morning after awaking, bruised feeling of the whole body, especially the arms (second day),[29a].—Remarkable pressive sensation through the whole body,[1]. —Drawing in the left upper jaw and the extremities, the upper as well as the lower, it was generally felt in this way: the drawing pain in the right side was followed by a drawing in the left, then again in the right, and so on (eighth day),[44f].—Drawing pains in almost every part of the body, alternately first in one part, then in another. It was only in the right wrist and thumb that these drawing pains were present almost all day; they were very troublesome and accompanied by a feeling of weakness, so that a slight exertion of the right hand, *e.g.*, opening a door and the like, was difficult and increased the pains (twenty-third day),[44f].—Drawing in the lower incisors, in both thighs, in the fingers of the left hand, and in the back below the right scapula (thirtieth day),[44f].—About 8 A.M., drawing in the left side of the jaws, and afterwards in the right thigh, the metacarpal bones, and the fingers of the right hand. These drawing pains lasted about half an hour. In the evening the pain recurred, alternately in the right and left thighs (ninth day); in the afternoon, drawing in the middle of the left thigh, afterwards in the right forearm and right thumb, then in the left zygoma towards the left parietal bone, lastly in the right molar teeth and the right middle finger (tenth day); during the forenoon, the drawing pain recurred, first in the left great toe, then in the right upper molars and the metacarpal bone of the right thumb, afterwards in the middle of the internal aspect of the left thigh, and lastly in the first phalanx of the right forefinger (eleventh day),[44d].—In the course of the forenoon, frequent recurrence of a dull, drawing, penetrating pain, now in the right hip-joint, now in the left forehead, and now in the left occiput (second day),[25a].—In the afternoon (when at rest), frequent painful drawing, now in the head of the fibula, now in the left side of the forehead, now in the left elbow-joint, and now in the right great toe (second day),[25g].—(On taking a step) shooting dislocation pain in the left hip, which extended from the sacro-lumbar region across the pelvis to the trochanter, lasted above a quarter of an hour and caused him to limp (first day),[25f].—After three weeks, a shooting pain, here and there, in the abdominal parietes, especially in the inguinal region, at one time in the left, at another time in the right side; this pain sometimes lasted a short time, sometimes longer, but regularly went off in the warmth of bed. As I did not believe that these wandering pains were caused by Sulphur, I continued to take it. About a week after the first appearance of the shooting pains, there occurred on the slightest motion, a very troublesome feeling of fatigue. The shooting pains now gradually declined, but in their stead occurred contractive pains, especially in the muscles of the thighs, which often proved a serious obstacle to my walking. In four days these contractive pains were felt deeper, as if in the bones, especially in the femora and right tibia. The head of the right tibia became very painful and could not bear the slightest touch, and after the slightest movement I had to go and lie down. Now almost convinced that these symptoms must be the effect of Sulphur, I intended to leave it off, but as I had a few more globules I took them all. The consequence of this was that the pains attained such a degree of intensity as almost to render walking impossible. The very next day when I took no more globules, the pains became less intense, and in three days

were all gone,[26b].—[**3360.**] Pinching, here and there, in the muscles,[1].—Sudden tearing and jerking, here and there, in the body,[3].—Frequent spasmodic jerking in the whole body, after supper, with pain in the back, and then also in the right side of the abdomen,[1].—Muscular jerking, here and there, as if caused by electricity,[1].—Tremulous sensation through the whole body, in the morning, though with warmth,[1].—Sensation, as if everything on him trembled and throbbed, at night while half awake,[1].—The symptoms, especially of the head and stomach, occur when walking in the open air,[1].—***Most of the troubles occur only during rest, and disappear on moving the affected part, or on walking,**[3].—All the symptoms aggravated by drinking beer (twenty-ninth day),[18a].—She feels worse, when standing,[3].—[**3370.**] Always very much affected and exhausted, after eating,[1].—External warmth relieves the pains, cold aggravates them,[3].—Nearly a month passed before most of the symptoms to which Sulphur had given rise had ceased, although I made free use of coffee, liquorice, etc., with the view of removing by their agency a condition which had become one of disease. I say *most* of the symptoms, for of these there still remained the oppression, the great intolerance of light, and a constant itching,[15].

Skin.—In the morning, the skin of the whole body smelt strongly of Sulphur, in consequence of which he left off the medicine for some days, thinking that it had taken the direction of a cutaneous secretion, and that consequently the symptoms of the other organs had receded (fifty-eighth day),[45a].—The skin of the whole body smells strongly of Sulphur (sixty-first, sixty-eighth, seventieth, and seventy-ninth days),[45a].—The skin, especially of the hands, smells of Sulphur (thirty-ninth day),[45a].—The palmar aspects of the hands smell strongly of Sulphur (forty-second day),[45a].—The amount of carbonic acid excreted from the skin was very greatly increased during the proving of Sulphur,[46].—**Skin cracked here and there, especially in the open air,*[1].—**Skin of the hands cracked,*[1].—[**3380.**] **Cracks and cuts in the skin of the hands, especially on the joints, painfully sore,*[1].—**Cracking of the skin of the hands, almost painless, especially just above the roots of the fingers,*[2].—**In the evening, dryness and heat of the skin* (fifth day),[20].—Little or no fever, but skin and mouth dry,[76].—***Skin of the hands hard and dry,**[1].—Between the scapulæ, skin dry and scurfy; no inconvenience in the daytime, but when undressing, at night, it itches very much; it lasted more than a month,[71].—Late in the evening, roughness, redness, and itching of the skin on the dorsum of the right hand; some red, very itching pimples on the skin of the right thumb and in its dorsal aspect towards the metacarpus; roughness of the skin between the right thumb and forefinger, worse in the heat of bed (seventeenth day); he discontinued the medicine for some days, and during this time the exanthemated phenomena on the right hand continued, and were regularly aggravated by the heat of the bed; the pimples gradually assumed the form of small pustules,[29].—On the right index, where he had had a humid eruption many years ago, there appeared some hard points, so that the skin has a rough appearance (one hundred and thirtieth day),[45b].—The desquamation of the skin of the face, which had commenced days previously, continues, as also the itching all over the body (thirty-second day),[18a].—Desquamation of the fingers (the epidermis scales off in round spots),[1].—***Eruption, Dry.*** [**3390.**] ***Eruption, with burning itching,***[1].—Eruption on the skin,[7].†—**Painful eruption about the chin,*[1].—In the morning, on changing his linen, he observed that his skin desqua-

† From local application.—HUGHES.

mated more, or at least more easily than usual, so that a mere gentle stroking with the flat hand sufficed to separate large quantities of small loose scales from the morbid skin; he observed the same thing in the scalp, whence clouds of small scales could be brushed; no change was observable on the eruption (eighth day). The scales fell from the head and morbidly affected skin in smaller quantity than on the previous day, but they were still more plentiful than usual (ninth day). The scales on the head in great numbers; whilst taking a warm bath, he noticed the surface of the water speedily covered with fine scales; on former occasions, when taking a bath, the scales were much fewer in number, were in larger flakes, and only appeared after using soap; the patches of eruption appeared less red after the bath than usual (thirteenth day). The scales on the head were less numerous this morning when he brushed his hair, but they became much more abundant during the day, and were in the form of a fine dust; on the patches of eruption on the body, no loosening of cuticle was peceptible, as was formerly the case during the first few days after taking a bath (fifteenth day). After awaking at a quarter to 5 A.M., and drying the body, he noticed that the patches of eruption were paler, not so dry, and not so wrinkled as usual; the scales, too, which were partly detached, were in smaller quantities (twenty-first day). Scales on head diminished very much (twenty-second day). Of the smaller scattered eruptive spots, several, especially those on the left arm, were completely gone, and on the larger patches, here and there, little islands of healthy skin; the other eruptive spots were still colored like liver-marks, wrinkled, slightly elevated, but they scaled less, and felt less rough (twenty-fifth day). The eruption continued to make slight but perceptible progress to amendment, by the increase of the number and size of the healthy islands on the morbid skin (after twenty-six days). The disappearance of the eruption took place not by a gradual and uniform return of the morbid skin to the normal state, but by the increase and extension of many healthy points (hair-follicles) among the still morbid patches, whereby the latter were separated into still smaller groups, and were at last limited to a few spots the size of hemp-seed or lentils, corresponding to single hair-follicles, which, by the end of September, were quite gone from the arms and chest; there still remained some groups on the belly and back, and in the months of August and September, some new eruption-spots appeared on the legs, which had hitherto remained free, excepting a small spot on the right calf; subsequently, these new spots disappeared unobserved,[35b].—The skin was reddened on several places and itched (fortieth day),[29].—*The day after smoking the Sulphur, he had *intolerable itching over the whole body; this was followed, in a day or two, by the appearance of reddish blotches over the trunk and extremities*,[51].—**In the evening, itching on various parts, in the face, chest, and hands; after scratching, a slight redness appears* (fifty-fifth day),[45b].—Right cheek covered with a number of small red painless spots (fourteenth day); red spots on right cheek are gone (fifteenth day),[21].—On the upper lip, a red elevated itching spot (fourth day),[45b].—A red spot on the upper lip, which went off in half an hour (one hundred and twenty-first day),[45a].—[**3400.**] Red itching point in the middle of the upper lip,[3].—On the left lower jaw, towards the cheek, an itching spot on the skin, which becomes red on being rubbed, and exhibits slight elevations (one hundred and forty-second day),[45b].—In the morning, there appeared on the left cheek, near the ala nasi, a small red spot, which attained the size of a lentil (forty-second day). On awaking, in the morning, he remembered that, in a half-sleeping state, he had

scratched away at his left cheek, owing to the itching there; about twenty elevations, the size of millet-seeds, were to be seen there; they itched slightly when touched, and became more visible after dinner, when the cheek was somewhat redder and hotter (forty-third day). The eruption on the left cheek has increased in extent, especially near the ala nasi; traces of a similar eruption were also visible on the right cheek; after dinner, and in the evening after taking a little wine, the eruption became remarkably increased (forty-fourth day). In the night, again scratched himself violently; on looking at the eruption, in the morning, with a lens, he found, on the spots first formed, the epidermis coming off in small scales; he removed one of them on the point of a penknife, and found it was of a circular form, scarcely above a line in diameter, thickened towards the edge, and in the centre thin and transparent; the skin beneath the detached scale was elevated, red, and sensitive; after dinner, the aggravation of the eruption as of the previous day (forty-fifth day). Desquamation appeared on several of the spots; on the right cheek eruption is extending (forty-sixth day). The following days the eruption remained the same, but new scales constantly appeared on those spots that had already desquamated; in spite of the discontinuance of Sulphur, the efflorescence lasted in greater or less intensity throughout the next two months, and was always remarkably aggravated after taking even very small quantities of alcoholic liquors; it subsequently went away without anything being done for it,[32].—Red burning spots in the upper and forearms (after washing with soap and water),[1].—There appeared on the right palm some not elevated, red, burning spots, the size of a shilling, which went off after a few hours (twenty-ninth day); red marks came again, and remained visible until evening (soon, thirtieth day); the red marks in the palm often appeared, but only remained for a short time (from thirty-second to forty-fifth day),[23].—After rising from bed, itching on several parts of the skin of the left hand (dorsum of hand, over the first joint of the middle finger, on the outer border of the little finger, and on the palmar aspect of the wrist); after scratching, red spots arise, on which several papulæ close together appear (these papulæ lasted several days and itched periodically), (first day),[25d].—**Thick red chilblains on the fingers, which itch very severely when warm*,[1].—Formation of an erythematous patch, the size of the palm, on the outside of the leg, which, especially at night in bed, itches constantly, compelling him to scratch, but afterwards is very sore (seventh day); erythema continues (ninth, eleventh, and thirteenth days); the erythema goes off, but leaves behind it a troublesome smarting in the leg, which compelled him to throw the clothes off the legs at night, as heat aggravated it (fifteenth day),[34].—A bluish-red spot suddenly appeared on the inner surface of the left index finger, like an ecchymosis, without pain, disappearing after three days (after four days),[48].—Blue spots and varices about the malleoli,[1].—[**3410.**] The skin of the back is covered with elevations (two hundred and forty-seventh day).[45b].—Liver-spots on the back and chest, which itch, in the evening,[1].—White itching spot on the cheek,[1].—Rash over the whole body, with violent itching, followed by desquamation of the skin,[1].—Rash over the whole body, with itching sticking,[1].—Rash and heat of face,[59].—**Nettlerash, with fever* (twenty-sixth day),[1].—**Nettlerash eruption*,[47].—**Violent biting rash on the face, arms, and lower extremities*,[1].—***Heat rash on the neck**,[1].—[**3420.**] Nettlerash eruption under the hips,[1].—**Nettlerash eruption on the back of the hand*,[1].—***A scaly eruption, which had been driven away by external applications, reappeared*, **with violent burning itching, after scratching**,[4].—

Itching hives over the whole body, hands, and feet* (after thirty-five days),[1]. —Some pimples on the shoulders and forehead (thirty-second day),[32].—About 6 P.M., a pimple appeared on the nose, and afterwards several on the cheeks, forehead, and chin; they were very red and painful (ninth day),[42].—In the evening, itching behind the right ear, where several scattered pimples had formed (fiftieth and fifty-first days),[29].—On the right ear a painful pimple is to be felt, which disappears in four days (thirty-second day),[18a].—A small pimple on the right cheek (one hundred and thirty-fifth day),[45b].—A large pimple on right cheek (third day); many pimples on face (sixth day),[42a].—[3430.**] A hard painless pimple on the left cheek (one hundred and twenty-fourth day),[45b].—Pimples on right side of face, following a feeling of heat in head and face; all this soon went off (after a few minutes),[73].—**Red (itching) pimples,* **with at times burning after scratching,** *on the nose, upper lip, chin, and on the forearms,*[3].—A small pimple on the upper lip, painful to touch (seventh day); pimple disappeared (eighth day),[22a].—Towards noon, there appeared below the left commissure of the mouth several itching pimples (thirty-ninth day); pimples gone (fortieth day),[29].—A hard, red, painful pimple formed near the angle of the left lower jaw, and several itching pimples on the outside of the left elbow, which, together with that on the jaw, lasted several days before disappearing (thirty-sixth day),[28c].—A hard pimple, the size of a lentil, formed at the angle of the left lower jaw and persisted for five days (forty-fifth day),[28c].—Several pimples on the left side of the neck (second day); many pimples on the chin, neck, shoulders, and behind the ears (third day); fresh pimples on the upper lip and nose (eighth day); a fresh pimple on the lower lip (twelfth day); several pimples on the upper arms and thighs (tenth day); pimples itched intolerably (twelfth day); several fresh pimples on the chin (sixteenth day); pimples increase greatly (twenty-fourth day),[43].—In the nape, on the left side, superiorly, a small painful pimple appears (twenty-fifth day),[28c].—Several pimples in the nape and behind the ears (eighth day),[45c].—[**3440.**] Pimples on the back, without sensation, after the violent itching, in the evening,[3].—At 6 P.M., some pimples appeared on the arm, which itched very much (second day),[42].—On the left upper arm there appeared reddish pimples, similar to those that had been previously on the thighs and the right hand (twelfth day),[29a]. —**In the forenoon, increased itching on the backs of the hands, which, especially the right thumb, are covered with red irregularly-shaped pimples* (twelfth day),[29a].—Erythematous eruption, the size of a shilling, on the back of the left hand (nineteenth day),[40].—In the evening, several very itchy pimples and red spots appeared on the thighs (fortieth day),[29].—**Itching pimples on the inner side of the thigh,*[1].—Papular eruption about the malleoli,[1].—White painful pimples between the toes,[1].—In the evening, he observed on the dorsum of both hands, beneath the skin, when this was tightened by flexing the joints, small pimples in considerable numbers, which, however, neither itched nor displayed any difference of color from the rest of the skin (ninety-third day),[45b].—[**3450.**] In the afternoon, there appeared on the dorsum of the right hand, at the joint of the right middle finger, a group of pimples, the size of poppy-seeds, which seem to be under the skin, are not red, do not itch, and which go off after three days (one hundred and twenty-third day),[45b].—Externally, on the left side of the throat, behind the ear, two painful inflamed pimples, which disappeared the following day (thirty-seventh day),[45b].—An inflamed pimple in the right whisker (seventy-sixth day),[45a].—Several inflamed pimples on the face (third day),[45b].

—An inflamed pimple on the right cheek (two hundred and fourth day),[45b]. —Several inflamed pimples on the face (one hundred and seventy-first day),[45b].—An inflamed pimple on the cheek and several on the scalp (one hundred and thirty-fifth day),[45b].—A small inflamed pimple on the nape (sixty-fourth day),[45b].—An inflamed pimple on the nape (two hundred and eightieth day),[45b].—An inflamed pimple on the lumbar region (two hundred and seventy-third day),[45b].—[**3460.**] Some inflamed pimples in the lumbar region and one on the face (two hundred and sixty-fifth day),[45b].—In the afternoon, itching and smarting in the bend of the elbow, where, in the evening, several pimples on a red spot appeared (thirty-fifth day),[29].—An inflamed pimple on the back of the right hand (sixty-seventh day); in the afternoon, the pimples extended all over the back of the right hand; the pimples on the right hand are to-day reddened and itch a little (one hundred and thirty-third day); the pimples on the back of the hand are going gradually off; those on the index continue (one hundred and thirty-fifth day),[45b].—On the index and middle fingers of the right hand some small pimples (ninth day); during the next four days the inflamed pimples dried up,[26c].—Itching on the dorsa of the hands worse, but the pimples smaller (forty-eighth day),[29].—Eruption of several small, inflamed, not itching pimples, on the fore, middle, and ring fingers of the left hand (seventh day),[26c].—A very painful inflamed pimple on the border of the left hip, in the nates (twenty-seventh day),[45a].—At the division between the nates an inflamed pimple, which gave much pain when walking, in the forenoon (thirty-seventh day); pimple less painful (thirty-eighth day),[45a].—A painful inflamed pimple on the right natis (two hundred and fifty-seventh day),[45b].—***Eruption, Moist.*** Elevated tetterlike eruption in the corners of the mouth, towards the cheeks,[1].—[**3470.**] **Tetter on the nape of the neck*,[1].—In some cases it gives rise to a dry, red, dirty aspect of skin, with an attempt at the formation of vesicles, perhaps an artificial eczema, and subsequently pityriasis, accompanied by much itching; mistaken for the continuance or increase of the original diseases, mostly scabies, and demanding the most soothing treatment,[54].—Several small vesicles below the left nostril, which went off by next day (one hundred and sixteenth day),[45a].—Several small vesicles on the upper lip, which soon dried up (fifth day); beneath the left nostril several small vesicles (twenty-fifth day); the vesicles on the upper lip begin to dry up (twenty-sixth day); a great eruption of vesicles near the left commissure of the mouth (one hundred and ninety-sixth day); the vesicles near the mouth are dried up, but fresh ones have appeared on the right side of the upper lip (one hundred and ninety-ninth and two hundredth days),[45b].—Some vesicles formed below the left nostril (seventieth day),[45a].—At the left side of the upper lip a painful vesicle (thirteenth day),[44a].—On the lower lip several painful humid vesicles (one hundred and ninety-fifth day); the vesicles on the upper lip begin to dry up (one hundred and ninety-sixth day),[45b].—On the middle of the lower lip there appeared two small white transparent vesicles, which increased in size the following day, when they had the appearance of herpes labialis (eighteenth day); began to dry up (twentieth day), but in their place appeared a number of similar but smaller vesicles on the left side of the lower jaw, which also disappeared in a few days,[28A].—Vesicle in the middle of the lower lip,[1].—A small vesicle appeared in the middle of the lower lip, which dried up after a few days (second day),[28].—[**3480.**] ***Itching on the elbows and wrists, and especially on the hands, particularly in the evening; here and there, small vesicles full of yellow water arise,***[1].—Itching

in the bend of the right elbow, making him scratch; the scratched places exude moisture (first night),[18b].—Several red itching pimples and spots on the back of the right hand, and several vesicles on the upper lip, which burst and let out an acrid yellowish fluid; at the same time, tension in the skin round the mouth, which was covered with branlike scales; (third day),[29b].—On the index of both hands, on the left thumb, and here and there on the hands, are small vesicles, singly or in groups; they are filled with a fluid, but do not itch (one hundred and fiftieth day); several new vesicles appear on the hands (one hundred and fifty-first day); the vesicles on the hands begin to dry up (one hundred and fifty-fourth day); the vesicular eruption on the hands is nearly gone, only the skin on the affected parts is still rough (one hundred and eighty-sixth day),[45b].—***Itching vesicular eruption on the back of the hand** (fourth day),[1].—Vesicular eruption on fingers and soles of feet, itching intensely (itching allayed by Vaseline); subsequently, skin all peeled from the parts invaded,[77].—**Itching in the fingers; slight redness of the fingers, which disappeared on pressure, but returned immediately when that was removed* (tenth day); *in the morning, on the inner surface of the right ring and little fingers, some white painless vesicles, the size of a poppy-seed, which were partly in groups, partly isolated* (eleventh day); *two vesicles close together on the inner surface of the second joint of the right middle finger* (twelfth day),[37a].—On the right ring finger some more vesicles (third day),[37b].—On left hand, between thumb and index finger, an itching pimple, the size of a poppy-seed, seated on a small areola, at the apex of which, in the course of the day, a small vesicle, filled with clear fluid, formed, which, when scratched off, burned like fire (thirty-second day); itching pimple gone (thirty-third day),[22a].—In the morning, he observed on the back of the right index finger, on its third joint, an inflamed pimple, the size of a hemp-seed, which, by evening, had on its apex a vesicle filled with an opaque fluid; during the night, this fluid assumed the appearance of pus (thirty-seventh day); the pus in the vesicle gradually increased more and more; the base of the pimple became larger and more painful, just like a boil (thirty-eighth day); pus discharged, whereupon the pain abated, and the place healed gradually but very slowly (thirty-ninth day),[22a].—[**3490.**] Between the ring and middle fingers of the left hand a small itching vesicle appeared (twenty-fourth day); vesicle larger, but only itches when touched (twenty-fifth day); vesicle has attained the size of a pin's head, is filled with a clear fluid, and has exactly the appearance of a fully developed *itch vesicle* (twenty-seventh day); during the night the vesicle burst (twenty-ninth day),[28c].—On the first joint of the right ring finger a scabious itchy vesicle, which, without increasing in size, lasted several days before it dried up (twenty-third day); a similar, but somewhat larger, scabious itching vesicle appeared between the left thumb and forefinger (twenty-seventh day),[28a].—Several discrete, not itching pimples, the size of poppy-seeds, and of the same color as the skin, on the thighs and arms (after one hour, second day); in the morning, the number of pimples had increased; some of them, which had been present yesterday, had at their apices a small vesicle filled with a limpid fluid, and were surrounded by a red areola; on scratching off the heads of some of them, in the morning, the epidermis desquamated; there came away a large quantity of fine scales (third day); the skin of the thighs, especially on their inner surface and in the neighborhood of the knee, rough like gooseskin; many pimples were the same color as the skin, others had the above-described vesicles; on scratching, many very fine scales fell off, especially

in the region of the elbows (fourth day); several pimples attain the size of a millet-seed and remain the color of the skin; the desquamation continues (fifth day); up to this time, the roughness of the skin, the eruption, and desquamation in the region of the elbow, continue; the eruption does not itch, and even when I scratch off the heads of the vesicles designedly, no burning follows (thirteenth day),[22c].—(A herpes cincinnatus on the right middle finger became more swollen, red, and shining); the different ducts of the morbidly affected sebaceous glands, filled with the product of inflammation, appear more plainly, whilst the whitish scaly vesicles are more easily washed off and removed (thirteenth day),[21].—Rash over the whole right leg, preceded by fever; the leg was swollen, hot, bright red, painful, with large and small blisters in several places, containing yellowish serum, as after the use of Cantharides. After the blisters had burst, some places became covered with thin yellowish scabs, others became superficial ulcers, which lasted a long time, without much pain, and gradually healed long after the inflammation had disappeared,[14].—On the upper lip a small aphthous erosion; in the evening, burning in the aphtha (forty-third day),[45a].—A small aphthous erosion on the upper lip (two hundred and thirty-fifth day),[45b].—**A slight injury on the finger becomes sore, with pulsation; afterwards, corrosive blisters form and the whole hand swells, though without pain, except when touched*,[1].—Ulcerating blisters on the soles of the feet,[1].—A blister on the sole of the foot, in the afternoon after walking (seventh day),[45a].—***Eruption, Pustular.*** **[3500.]** Eruption like that after vaccination,[1].—A pustule in the right eyebrow (one hundred and second day),[45a].—In the morning, there appeared on the left ala nasi, towards the cheek, a small, distinctly pulsating swelling (thirty-ninth day); tumor burst and discharged pus (fortieth day),[29].—A small pustule on the dorsum of the nose (fifty-fourth day),[45b].—Pustules in the bend of the elbow, with much itching,[1].—Towards evening a red, rough, round place, an inch in circumference, appeared near the union of the ring and little finger, on which reddish pustules appeared, which itched very much in the heat of the body (twenty-fifth day),[29].—Towards evening, several small reddish pustules in the skin of the right thumb, near the metacarpus, which itched excessively (twenty-third day),[29].—The pustules on the back of the hand decreased in size, but the itching continued violently, especially in the warmth of bed (thirty-third day); the exanthematic symptoms on the back of the hands diminished (thirty-fourth day),[29].—At night, great itching on the dorsum of the right hand, especially on the little finger, where he found the following morning a pustule, with its head scratched off, which had a great resemblance to an itch pustule (thirty-eighth day); pustule dried up (fortieth day),[29].—Towards noon, several itching pustules, like scabies, on the anterior surface of the left thigh (thirty-ninth day); pustules dried up (fortieth day),[29].—**[3510.] *A small cut begins to be sore, at first smarting, then burning, followed by inflammation, with throbbing pain,**[1].—The pimple on the cheek discharges pus; it is about to disappear (one hundred and twenty-fifth day),[45b].—Point of the nose covered with small scabs, in the morning on awaking (fourteenth day),[45].—About noon, scabs formed on the nose, causing a tiresome tension in it (eighth day),[45].—On the back, near the loins, several small pimples, which let out a fluid when scratched (thirteenth day),[45].—An eruption, precisely similar to itch, occurred in the bend of the elbows and on the wrists (fifty-seventh day); pustules disappeared (fifty-eighth day),[16].—In the evening, on the left forearm, eruption of small bright-red pimples, from ten to twelve in number; they itched much when

touched, easily burst, and let out a little thickish fluid (second day); in the evening, renewed eruption of pimples, as on the preceding evening (third day),[17c].—In the afternoon, itching and burning of the skin on the left wrist; in the evening, there appeared there seven pimples, of the size of a millet-seed, surrounded by a red areola, and having a white spot at their apex (sixth day),[39].—An insignificant abrasion of the skin on the hand, which he accidentally received, produced a lively inflammation, followed by a formation of pus (nothing similar had ever before happened to him), (twenty-sixth day); suppuration of abraded skin (twenty-seventh, twenty-eighth, and twenty-ninth days); abraded skin healed (thirty-fifth day),[22a].—On the back of the right hand two small pimples, which he must scratch; itching and smarting between the fingers (third day); the pimples burst when scratched, excrete a clear transparent fluid; the itching and smarting between the fingers is not troublesome (fourth day),[36].—[3520.] Itching and smarting between the fingers of the right hand, on the back of which appeared a scabious-looking pimple, which went off in the evening (fourth day),[36c].—On the volar surface of the point of the right thumb, at the side next the index, there appears, in the morning, a trace of redness. The dorsal part of the thumb, bearing the nail, is painful to the touch, as if gathering. On the following day, the redness is more limited, and in its centre appears a whitish spot, which, two days later, assumes a yellow color and increases in size. A small purulent deposit, surrounded by a pale-red areola, has formed, which lies imbedded in the skin, and above which the epidermis is still smoothly and uninterruptedly extended (twenty-eighth day). The purulent deposit is elevated into a small swelling, which is covered by a brownish-colored epidermis (thirty-first and thirty-second days). During the night, the swelling increased to thrice the former size. That which increased it so much was not, however, pus, but a transparent fluid, which had exuded beneath the pus and raised up the latter. The quantity of this fluid increased during the day, during which the pus gradually mingled with it. The red areola, which had surrounded the swelling as long as there was only pus in it, almost disappeared at first when the clear fluid collected among the pus. In the course of the day, however, a redness appeared at the border of the collection, which, gradually becoming more intense and extending further, at length died away at an undefined limit. Conjoined with it, there was in the affected finger and in the whole hand a throbbing pain, which was aggravated by the touch, and gradually went off in a burning smarting (thirty-third day). The tension and pain are mitigated. About noon, the swelling burst and emptied its contents (thirty-fourth day). The collection of the fluid had included the greater portion of the volar surface of that part of the thumb where the nail is attached. On the ulnar side it extended almost to the nail, but the bed of the nail was not at all involved; consequently, it was not at all a case of onychia. The radial side of the thumb was quite free from disease,[21].—At the border of the nail of the left thumb there occurs an extensive inflammation after an insignificant injury (twenty-fourth day). The inflammation spreads over the whole of the first joint of the thumb; pus appears at the wounded part, which was artificially evacuated in the evening (twenty-fifth day). New formation of pus at the root of the nail; the first joint is very much inflamed and very painful; the pain extends to the metacarpus (twenty-sixth day). Onychia continues (twenty-eighth, twenty-ninth, and thirty-first days). Onychia healed (thirty-fifth day),[22a].—Every night, *when he got warm in bed, there occurred a very disagreeable*

itching, on the whole surface of the skin, from the hips to the toes. This itching was particularly bad in the hollow of the knees, and could only be removed by strong rubbing, which caused *a very agreeable feeling*. On the parts so rubbed there occurred small pimples, which discharged a fluid from their points; whereupon the itching ceased, but returned the following night. During the day there was no trace of the pimples, but only the small scars on the parts that had been scratched (after forty-five days),[16].† —The lunula, which used to be present on both thumb-nails, is almost gone (one hundred and thirty-third day),[45b].—The lunula has quite disappeared from both thumb-nails (one hundred and forty-third day),[45b].—**Boils*,[1].— **Eruption of furunculous pimples, with a red areola and very itching sensation, especially on the face* (third day),[30].—A suppurating boil on the right whisker (two hundred and forty-seventh day),[45b].—Especially pimples and scabby eruptions appeared here and there. Thus, on the 10th of February, a furuncular pimple appeared on the left temple, and several smaller ones on the right mastoid process, which lasted until the 18th of February. On the 16th of February there appeared a painful scabby spot on the skin, covering the left parietal bone, which disappeared in the course of a few days, in order to make way for a similar scabby spot (after three months),[28c]. —[**3530.**] At the lower border of the left lower jaw there occurs, in the morning, a painful pimple, the size of a pea, on the skin, which gradually rises above the skin and takes on a blue color (twenty-sixth day); a furunculus appears at the angle of the right lower jaw, similar to that on the left side; the furunculi become larger, but are quite painless (twenty-ninth day); the furunculi attained the size of a hazel-nut, but are not painful, and but little reddened (thirty-second day); furunculi growing smaller (thirty-fifth day); almost gone (fortieth day),[27a].—A large boil on the tragus,[1].—On the dorsum of the nose a red inflamed spot, like a commencing boil (one hundred and eleventh day),[45b].—In the evening, a small boil on the back, which is not painful, but when squeezed discharges a considerable quantity of blood and pus (one hundred and eighth day),[45b].—Appearance of a small boil on the left shoulder (fifth day),[34].—Profuse bleeding of old ulcers,[1].—The matter from a (scabby) ulcer has a sour odor,[1].—The ulcer on the nail begins to be very offensive,[1].—**Ulcer about the nail* (a panaritium) twice in succession,[1].—***Subjective.*** **The skin is very painful for a long time after rubbing, as if denuded and sore*,[1].—[**3540.**] Tensive pain in an ulcer,[1].—In the forenoon, shooting here and there in the skin (after three hours),[25d].—All day long, creeping and flying shooting in a wart; its horny surface easily detached, in fact, small portions of it fell off spontaneously (first day),[41b].—In the afternoon, creeping and burning in the skin over the left zygoma (first day),[39a].—***Repeated burning in various parts; after scratching, it hurts as if sore*,[1].—***The spots feel hot after scratching*,[1].—***Burning in the skin of the whole body*,[1]; (twelfth day),[34a].—**The night's rest was often disturbed, owing to burning pains in the parts of the skin upon which he was lying* (sixth day),[25f].—About noon, burning hot feeling in the skin of the whole back, especially annoying between the scapulæ, lasting more than half an hour, and after scratching, turning into sore pain (fifth day),[25f].—In the afternoon, violent burning in the skin of the whole back, with percepticle throbbing in the arteries beneath the skin at

† The prover remarks, that he had formerly suffered from a similar itching from wearing flannel drawers, but it was never so bad nor so enduring as this, although now he had not a scrap of flannel on his body.

the affected part (sixth day),[25g].—[**3550.**] **Burning in the skin all over the back* (seventeenth day),[34a].—A burning feeling in the skin, which spread from the axilla over the right upper arm and right side of the chest (in half an hour, third day),[25g].—Feeling of burning in the skin of the whole extensor side of the right upper arm, which lasted above a quarter of an hour, and after scratching left a raw pain (after one hour, second day),[25c].—About 9 A.M., a burning, about a hand's breadth in extent, in the skin of the left elbow-joint; the burning pain gradually extended over the extensor side of this joint, and lasted upwards of ten minutes (sixth day),[25a].—Burning pain in the skin of the whole extensor surface of the left elbow-joint (fifth day),[25g].—***Burning in the hands and feet, with weakness of the whole body,**[1].—In the morning, burning and redness of the skin of the whole of the dorsum of the right hand, as if an eruption were about to appear (sixth day),[25g].—Burning in the skin of the right leg (several days),[45b].—After getting up, burning of the skin of the right leg and part of the foot (thirty-fifth day),[45b].—Towards evening, tiresome long-continued burning and itching over right ankle (fourth day),[34].—[**3560.**] About 12 noon, burning pain in a spot of the skin, the size of a crown-piece, over the right internal malleolus (third day),[25g].—Biting as from fleas, even in the evening after lying down, preventing sleep, afterwards appearing in another spot after scratching,[3].—A stinging, with tickling, begins in an old wart (under the eye), (after five days),[1].—Severe tickling, compelling scratching, on the calf, at 5 A.M. (sixty-seventh day),[45a].—Tickling crawling in the left arm and lower extremity for two hours, in the evening in bed, which obliged frequent rubbing,[1].—***Formication over the skin of the whole body,**[1].—Feeling over the body as if ants were running about (two hundred and fifty-fifth day),[45b].—Sticking in the skin of the cheeks, shoulders, and thighs,[1].—***Sticklike prickling in the skin of the whole body, in the evening, after getting warm in bed,**[1].—**Sticking itching, especially when walking in the open air,*[1].—[**3570.**] ***Itching all over the body** (thirteenth day),[46a].—***The itching spots are painful after scratching,**[1].—***The itching spots bleed and bite after scratching,**[1].—***Itching in various spots on the body, mostly disappearing after scratching, at times, also, followed by sticking or even burning,**[3].—***Itching over the whole body, recurring every night regularly in bed,** *and lasting for several weeks,*[18c].—**An old tetter begins to itch violently; is obliged to scratch until it bleeds* (after nine days),[1].—**Itching all over the body*, especially above the crest of the os ilii, in the morning (fortieth day),[44b].—***Itching, now here, now there,** *but especially on the back of the hand and the eyebrows* (tenth day),[44d].—***Itching, compelling scratching, now here, now there** (tenth day),[44f].—***At night, before falling asleep, itching all over the body** (twenty-sixth day),[33].—[**3580.**] **In the morning, after awaking, itching and smarting all over the body*, but especially on the eyelids, foreskin, glans, and legs (fourth and fifth days),[36d].—**At night, itching here and there*, but especially on the scrotum (thirty-seventh day),[29].—***Distressing crawling itching, with pain, in the spot after scratching,**[1].—Troublesome itching of the skin of the whole body, with the exception of the inside of the limbs, which lasted four days (third day),[18].—***Distressing itching all over the body, at night** (thirty-second day); itching still present in a minor degree, in the morning (thirty-third day),[40].—***Frequent awaking, with disagreeable itching on several parts of the skin, causing him to scratch** (first night),[29a].—***Most violent itching over the whole body, especially on the arms and legs (in the evening in bed)**; *after she had scratched till obliged to stop, on account of weariness and*

painfulness of the fingers, she was obliged to use a hard brush,[13].—***At night, a severe itching, which immediately came on in the heat of the bed, appearing now in one place** *and now in another, but especially on the nape of the neck, and teasing me for an hour* (sixth day),[44].—***In the evening, violent itching and smarting all over the body, particularly on and between the fingers; parts of the body, not sensitive, itched when she touched them; she feels as if she were alive beneath the skin; there was a feeling as if vermin were running about** (second day),[21].—***Itching worse at night, and in the morning in bed after waking**,[1].—[**3590.**] **Itching above the left eyebrow* (nineteenth day),[45a].—**Violent itching in the ears externally*,[1].—Itching in the right concha (fiftieth and fifty-first days),[29].—**Itching of the nose externally, for many days after the menses*,[1].—Violent itching and tickling in the point of the nose, which is red, in the evening (thirtieth day); in the evening, troublesome itching in the skin of the nose, which is almost all slightly red, but particularly at the tip (thirty-first day),[29].—Violent itching on the face, with small painless pimples, which are moist after scratching,[1].—In the evening, severe itching in the left whisker; after scratching, soreness of the part (twenty-sixth day),[28c].—**Itching about the chin*,[1].—**Itching on the neck*,[1].—Itching on the neck, back, and left hand (after last dose, second day),[42].—[**3600.**] Itching on the back and sides of the trunk, at night, in the warmth of bed (twelfth day),[44a].—***Itching on the chest**,[1].—**Much itching on the upper and lower abdomen, at night*,[1].—Itching, provoking scratching, on the scrotum and the thighs, and sweat on those parts (twentieth day); much perspiration and itching between thighs and scrotum (twenty-first day),[27a].—Itching and perspiration on the scrotum (twenty-second day),[27a].—**Towards evening, troublesome itching in the scrotum* (sixteenth day),[29].—**Itching on the scrotum* (twenty-third day),[29].—**About noon, annoying itching in the scrotum*, with tickling, itching, and sore feeling at the outer border of the anus (twenty-seventh and twenty-eighth days); itching on the scrotum very troublesome (thirty-fourth day),[29].—**In the morning, awoke with very great itching on the scrotum and the inside of the thighs* (thirty-eighth day),[29].—***Itching in the axillæ and hollows of the knees**,[1].—[**3610.**] In the morning, itching, causing him to scratch, on the outside of the left elbow, where there are several large and small pimples (eighteenth day),[28c].—Itching on the lower third of the left forearm and on the left thigh (fourth day); itching diminished (fifth day),[40].—The eruption on the hand itches a little (one hundred and fifty-third day),[45b].—In the evening, sudden and very severe itching on the right hand, especially on its palmar aspect and between the fingers (twelfth day),[41].—**Several times, very tiresome itching in the left hand, from the wrist to the little finger, in the afternoon;* **the itching is increased by scratching, which is followed by burning,** *but nothing is to be seen on the skin* (thirteenth day),[45].—***Itching in the palms of the hands**,[1].—***Itching sticking burning in the palms of the hands; is obliged to rub them**,[1].—***Itching in the palms of the hands; is obliged to rub them, after which they burn**,[1].—Considerable itching on the back of the hand, near the wrist, in the morning (eighty-first day),[45b].—***In the evening, in bed, itching and burning on the dorsum of the right hand, which became covered with elevated, red, and itching pustules,** *which went off during the night* (twenty-fourth day),[29].—[**3620.**] About noon, annoying itching on the back of both hands (twenty-seventh day); declined (twenty-eighth day),[29].—**Itching, compelling scratching, on the dorsum of the left hand and in the eyebrows* (eighth day),[44b].—**In the morning, on awaking, itching in the right hand,*

especially between the fingers (tenth day),[33]. — ***Itching, compelling scratching, between the finger-joints, in the evening** (eleventh day),[44d].— ***Itching between the fingers** (nineteenth day),[34].—***Itching between the fingers of both hands** (twenty-fifth day),[29].—Itching, compelling scratching, between the fingers of the left hand (seventh day),[44d].—Itching on the external aspect of the fingers (after four days),[44f].—***Itching on the fingers** (nineteenth day),[34a].—At night, itching on the inner surface of the fingers of the left hand and on both wrists, increased by scratching (second and third days),[40].—[**3630.**] **Itching biting on the nates*,[1].—In the night, such violent itching on the thighs and legs that he scratched till the blood came (twenty-first and twenty-second nights),[28c].—**Violent itching in thighs and legs, at night* (thirty-second to thirty-seventh day),[28c].—Itching on the outside of the thigh, in the afternoon, immediately after taking the tincture (nineteenth day),[44f].—Itching on the outer surface of the thigh, on the back of the hands, in the anus, and particularly in the small of the back (twenty-third day,[44f].—Itching on the outer surface of the thighs and on the back (twenty-fourth day),[44f].—Crawling itching on the inner portion of the thigh,[2].—**Itching about the knees*,[1].—After going to bed, very annoying itching on the inside of the left knee, where, also, are several small pimples, which, however, like those on the elbow, went off by the following day (eighteenth day),[28c].—Much itching on the whole cutaneous surface, especially the right leg, below the knee, where some slightly reddened pimples are visible (twenty-fourth day),[45a].—[**3640.**] Itching on the legs, after waking (forty-sixth day),[45a].—In the evening, great itching on the legs (eleventh day),[34a].—The itching on the legs (especially the left leg) comes on every evening (twenty-seventh day),[34]. — Violent itching on both legs; after scratching, a sore feeling remained, at night (twenty-fifth day),[45a].—Great itching on both legs, making him scratch, whereupon burning pain remained for some time (eleventh day),[45b].—Great itching on both legs, in the evening (fourth day),[45b].—Some itching on the external surface of the right leg (sixtieth day),[45a].—Itching in right leg (fourth day),[34a]; (fourth and sixteenth days),[45a].—Occasional itching on the right leg (two hundred and third day),[45b].—Awoke with great itching on the right leg (fifth day),[45a]. —[**3650.**] Great itching on the right leg (eighth and two hundred and eighty-third days),[45b].—During the day, several times in the morning, severe itching on the left leg (third day),[45b].—**Itching of the toes that had once been frozen* (first days),[1].—**Itching on the toes* (second day),[20a].

Sleep.—Sleepiness. Yawning (eighth day),[31a].—Frequent yawning and cold hands,[1].—Frequent yawning and stretching, without sleepiness,[3].—Frequent yawning and eructation (seventeenth day),[29].—Frequent yawning and eructation of air (soon, fortieth day),[29].—**Much yawning and sleepiness, during the day*,[1].—[**3660.**] Almost constant yawning for an hour, in the evening, with weariness that could not be dissipated,[1].—Incessant spasmodic yawning, in the evening before going to bed,[1].—Drowsiness (twenty-second to thirty-first days),[32].—In the morning, great drowsiness after a good night's rest (twentieth and twenty-first days),[45b].—In the morning, great drowsiness (twenty-sixth, fifty-fifth, and fifty-sixth days),[45b].—Sleepiness (eleventh to eighteenth days),[32].—**Sleepiness in the daytime, during the menses*,[1].—Sleepiness, at noon (two hundred and sixty-eighth day),[45b].—**Sleepiness, in the afternoon*,[1]. — Great sleepiness (seventy-eighth day),[45a]. — [**3670.**] Great sleepiness, after dinner (third day),[20]; (fifth day),[21]; (forty-ninth day),[45a].—Towards evening great sleepiness, so that, contrary to custom, he slept for an hour (forty-second day),[45a].—In the afternoon, great sleepiness, and after

a short refreshing sleep he feels perfectly well, all except the dryness of the nose (forty-fifth day),[45a].—She was very sleepy, at night, and the eyes closed as if heavy; however, she could not fall asleep, though nothing was the matter,[1].—*Very sleepy, in the evening;* she was obliged to sleep as soon as the light was brought upon the table,[1].—Could not avoid sleeping several hours, during the day,[1].—**Excessive sleepiness during the day; he fell asleep as soon as he sat down,[1].—***Irresistible sleepiness during the day, she could not keep from sleeping, while sitting at work,[1].—About 2 P.M. he was so tired he must lay down; he fell asleep, but his sleep was disturbed by confused dreams (fifth day),[53].—Still very sleepy, at 8 A.M., with disinclination to work,[1].—**[3680.]** In the morning he could scarcely waken up, and even after getting up he was sleepy (eighty-second, eighty-third, and eighty-fourth days),[45a].—Difficulty of waking, in the morning (eighty-sixth day),[45a].—**Totally disinclined to rise from bed, in the morning,[1].—**In the morning it was difficult to rise from bed,[1].—He could scarcely wake himself up in the morning, though he had slept well over night (second day),[45a].—Sound sleep towards morning, without visible respiration,[1].—Long sleep; was obliged to make an effort to rise, in the morning,[1].—He slept too much and was very unrefreshed, in the morning,[1].—On drinking a couple of glasses of beer he became so overcome with sopor that he had to go to bed (twenty-third day),[35b].—During sleep, the arms lie over the head,[1].—***Sleeplessness.*** **[3690.]** **Sleepless and wide awake, all night,[1].—***Sleepless and wide awake, all night,[1].—Sleeplessness, with the sore throat,[55].—**Sleepless on account of excessive irritability and uneasiness,[1].—Sleeplessness, at night, lasting for half an hour at a time, without excitement or troublesome thoughts. It was quite simple, as though the sleep had been cut off (first night); frequent waking; sleep not refreshing, more like half slumber, disturbed by vivid dreams of the ordinary occupations (fifth night); sleep disturbed by vivid connected dreams of events that had happened long ago (eighth night),[17c].—At night, little sleep, and sour-smelling perspiration (forty-third day),[22a].—Sleeplessness, constant tossing from one side to another of her bed,[66].—**Much too great wakefulness, in the evening, the blood mounted to the head, and the night was sleepless,[1].—***She could not fall asleep before midnight, and then frequently woke and tossed about,[1].—***She could not fall asleep for an hour, in the evening in bed,** *without any other symptoms,[1].*—**[3700.]** **She fell asleep with difficulty and woke every hour, at night,[3].—**Difficult falling asleep, on account of great flow of thoughts,[3].—**Difficult falling asleep, with inclination to perspire,[1].—Long in falling asleep; starting in fright on dropping asleep; waking at 3 A.M. (twenty-sixth day); late in falling asleep (often not until 1 or 2 P.M.), (thirty-second to thirty-seventh day); the difficulty of falling asleep lasted some weeks after leaving off the Sulphur (after three months),[25c].—I could not go to sleep before midnight, partly on account of feeling too wide awake, partly owing to a pretty severe itching (sixth day),[44].—Uncommonly late in falling asleep, and early waking, in the morning (4 A.M.), (fourteenth to nineteenth days),[32].—**She did not sleep a quarter of an hour, at night, though she was weary,[1].—Restless sleep, at night (second day),[20a]; (fifth day),[32a]; (seventh day),[31a].—Could not sleep after midnight, on account of great restlessness,[3].—**Nights restless; he always woke, as with fright, from a fearful dream, and after waking, was still occupied with anxious thoughts, as of ghosts, from which he could not free himself,[5].—**[3710.]** **At night, restless sleep and frequent waking** (second day),[25d].—**Night very restless** (first night),[25b].—**Restless night, with constant dreams** (seventh day),[15].—**Restless dreamful sleep; frequent waking and

falling asleep again in a stupefied state (second night); very restless; dreams of unfortunate and dishonorable events (third night); night as before, very restless (fourth night),[30].—**Night very restless; anxious, frightful dreams of the dead and dying; she speaks, weeps, and shouts in her sleep, so as to wake herself, and after waking, remains long in a confused state of mind* (second night); disturbed sleep (for three months),[31].—***At night, restless sleep; frequent waking from heavy anxious dreams** (fifth day); **slept but little during the night; tossed restlessly about in bed, and had many anxious dreams** (eighteenth day)[32].—**At night restless, dreamful sleep* (third day),[41b].—***About** 10 P.M. **I went to bed, but could not sleep before midnight. The sleep at length came on; it was disturbed by disagreeable dreams, and only became more tranquil towards morning** (first day),[44c].—***At night, restless sleep, frequent tossing about and waking** (seventy-seventh day),[45a].—**At night, restless sleep, in which he groaned much* (seventy-eighth day),[45a]. **[3720.]** **At night, restless sleep; much sighing and groaning in the sleep; occasionally violent cough* (eighty-seventh day),[45a].—After 3 A.M., sleep restless, disturbed by tossing about, moaning and groaning, the breathing occasionally whistling (eighty-ninth day),[45a].—**Sleep restless, full of dreams, irrational talking in sleep before midnight, as in anxious delirium*,[1].—**At night, from* 12 *to* 3 *o'clock, no sleep* (ninth day); *after midnight, restless sleep* (tenth day),[22a].—**The night's rest was disturbed partly by shooting pains, of which he was not very distinctly conscious, partly by anxious dreams* (fourth day),[45a].—***Sleep disturbed** (fifth day),[46].—**Sleeping with half-open eyes*,[4].—***Tossing about in bed, with hot feet, at night**,[1].—***Restless tossing to and fro, at night**,[1].—***Frequent turning over in bed, without waking**, *at night*,[1]. —**[3730.]** Much stretching, at night,[1].—Uneasy sleep, with frequent waking, at night, with chilliness, without subsequent heat,[5].—Light sleep,[17b].—Uneasy sleep after midnight; she dreamed that she had a fever and awoke in complete perspiration, with great heat, especially of the face, so that she could not tolerate the covering over her, with great thirst and shivering, increased by motion, even to chattering of the teeth,[1].—(Sleep less refreshing than usual),[17].—**In the morning he was unrefreshed by the night's sleep*,[1]. —Very indolent for half an hour many mornings, with pain in the back and lower extremities, so that she was frequently obliged to sit down,[1].—**He feels worn out, in the morning, eyes swollen, with inclination to stretch*,[1]. —**Not refreshed by sleep* (one hundred and first day),[45a].—Unusually early waking, in the morning (sixth, seventy-ninth, and two hundred and sixty-fourth days),[45b].—**[3740.]** ***Contrary to habit, he woke very early and could not fall asleep again** (one hundred and eightieth, one hundred and eighty-first, one hundred and eighty-second, and one hundred and eighty-third days),[45b].—**About* 1 A.M. *he awoke, and lay awake about an hour* (third day),[45b].—***He woke every night about 3 o'clock and could not fall asleep again**,[1].—** Woke every morning at* 4 *o'clock and was unable to fall asleep again* (twenty-sixth to twenty-ninth day),[33].—**Sleep disturbed; waking up at* 4 A.M., *and inability to fall asleep again, which had never before happened* (sixth day); at night slept quite tranquilly, but again awoke at 4 A.M., was quite wide awake and did not fall asleep again (seventh day); night quiet, but woke at 4 A.M. and remained awake (eighth day); fell asleep about 9.30 P.M. (nearly two hours earlier than usual), slept quietly and uninterruptedly, but woke at 4 A.M. (ninth day); went to bed at midnight, soon fell asleep, and slept quietly, but awoke soon after 4 A.M. and remained awake (tenth day); sleep quiet and uninterrupted until 4 A.M. precisely, when he awoke, but after lying awake for half an hour again fell asleep until near 7 A.M.

(eleventh day); night's rest frequently disturbed, and slept no more after 4 A.M. (twelfth day); awoke at 4.15 A.M., but afterwards fell asleep for half an hour longer (thirteenth day); sleep twice interrupted; itching in eye present; awoke in morning at usual time, viz., about 6 o'clock (fourteenth day); night tranquil, woke at usual hour, about 6 o'clock (fifteenth day); although he did not go to bed earlier than usual (forty-seventh night, not till 1 A.M.), he became quite wide awake exactly as the clock struck 4, and only two of these nights could he again fall asleep (fortieth, forty-first, forty-second, forty-seventh and forty-eighth days),[35b].—**It is remarkable that from the commencement of this proving, I have wakened every morning at* 5 A.M., *and have been unable to fall asleep again;* a thing that never happened to me before (eleventh day),[35].—**Yesterday and to-day he woke up at* 5 A.M. *and remained awake for an hour, contrary to custom* (sixty-eighth day),[45a].—***Frequent waking, at night, with beating of blood in the head, then also in the chest,**[1].—Frequent waking, at night, with nausea, though without vomiting,[1].—**She frequently woke from sound sleep without cause,*[3].—[**3750.**] **He woke every half hour, at night, and could only sleep two hours, towards morning,*[1].—**Waking up in anxiety, heat, and perspiration* (fourth day),[30].—He partly woke, at night, was not quite wide awake, then stretched and felt cold in bed,[1].—**Starting in the midday nap,*[1].—**In the evening, on falling asleep, he started high up in fright from a fancied noise, a fright that shook his whole body,*[1].—**Starting up in sleep, several times, several nights,*[48].—**Starting up twice on falling asleep, in the evening in bed,*[1].—**She frequently started up anxiously from sleep,*[1].—***Violent starting, on falling asleep,**[1].—Snoring in sleep,[1].—[**3760.**] At night, when asleep, frequent groaning (twenty-second day),[45b].—During the first half of the night much groaning and tossing about in sleep (two hundred and fifty-seventh day),[45b].—**Much groaning during sleep, at night* (two hundred and sixtieth day),[45b].—**Screaming out, in sleep,*[1 3].—**Lamentation and mourning in sleep,*[1].—**Talks loudly in his sleep, at night* (eleventh day),[45a].—Loud talking, in sleep, of the business of the day,[1].—Unconscious crying out in sleep, that she was black, etc.,[3].—Intelligible murmuring during sleep,[4].—***Dreams.*** At night she usually dreamed most of the things which she actually saw the next day,[1].—[**3770.**] At night, dreamful sleep, with great prostration on awaking (second day),[41a].—**Disagreeable dreams, with starting* (second night); vivid disturbing dreams; woke at 3 A.M. and could not fall asleep again (third night); waking at 3 A.M. (fourth night); night more tranquil; sleep better (fifth night); many dreams; he lay awake two hours (tenth night); awoke early in the morning and lay awake two hours (thirteenth day); at night, restless sleep, frequent waking (thirty-second day); night's rest disturbed by lively dreams (thirty-fourth day),[40].—**Contrary to the usual habit, he was long in falling asleep, and when at last sleep came, it was disturbed by dreams of fire and death* (thirteenth night); vivid anxious dreams, frequent waking, and difficulty of falling asleep again (fourteenth night); vivid amorous dreams (fifteenth day); sleep disturbed by vivid dreams (twenty-fifth night); very heavy sleep disturbed by dreams (twenty-sixth day); vivid dreams and uncommon sexual excitement (twenty-eighth night); night's rest disturbed by many vivid dreams (twenty-eighth and twenty-ninth days); many dreams, hence restless sleep and frequent awaking, each time with the feeling of weight and dulness in the sinciput (thirtieth night); many vivid lascivious dreams (thirty-first night); many vivid dreams, restless sleep (thirty-seventh night); many disturbing dreams; waking about midnight, and remaining long awake (fortieth night); many

disturbing dreams and frequent waking, with pains round the navel (forty-seventh night); after midnight, woke in fright, caused by a dream (fiftieth night),[29].—At night, heavy confused dreams (twenty-first and twenty-second days),[33].—**Sleep disturbed by many vivid dreams; frequent awaking, with disagreeable itching on several parts of the skin* (first night); restless sleep, frequent awaking (second night); it was long before he fell asleep, at length he did so, but in an hour he woke up again, and was unable to fall asleep again before 4 A.M. (third night); in the morning, short sleep disturbed by confused dreams; night's rest disturbed by many dreams (fourth and fifth days); restless, dreamful sleep (ninth night); about midnight he awoke and could not fall asleep again for a long time (tenth night); rest was disturbed by many vivid dreams, frequent awaking, with great restlessness and excitement (eleventh night); voluptuous dreams and seminal emission (twelfth night); restlessness, at night, with vivid dreams (fifteenth day),[29a].—Things of which she dreams seem actually alive,[1].—***Numerous vivid dreams, at night, with frequent waking**,[1].—***At night, many vivid dreams** (thirteenth day),[22]; (forty-fourth day),[22a].—**The sleep at night is disturbed by vivid dreams* (fourth and fifth days),[22b].—**Night's rest disturbed by many vivid dreams* (seventh and eighth nights); many dreams (eighteenth night),[24].—[**3780.**] **At night, very vivid anxious dreams, as if he was pursued by wild beasts* (forty-fourth day),[28c].—***At night, very vivid dreams, out of which he often awoke, and could not fall asleep again for a long time** (first, second, and third days),[29b].—**Night's rest disturbed by vivid dreams* (first night); many disturbing dreams (fourth, ninth, and twelfth nights),[34].—**Vivid dreams* (first and third nights); very vivid dreams; he felt as if falling from a height (seventh night); horrible dreams (ninth night); very vivid dreams (sixteenth night),[34a].—**At night, vivid dreams of a comic character, with loud laughter, which continued for some time after awaking* (third day),[36b].—**The night's rest disturbed by many vivid dreams* (fourth and fifth days),[36d].—**The night's rest was disturbed by vivid dreams that remained impressed on his memory* (first day); at night, vivid dreams (second day),[39].—**At night, vivid unconnected dreams, and a pollution* (first day),[39a].—**Night's rest disturbed by many vivid dreams* (seventh day),[44d].—**Vivid dreams, causing me to wake frequently, at night* (tenth day),[44d].—[**3790.**] **At night, vivid, but not remembered dreams* (twenty-first day),[45a]. **At night, vivid dreams and loud speaking in sleep, so as to wake him up* (twenty-second day),[45a].—**At night, vivid dreams* (ninety-seventh day),[45a].—**At night, vivid unremembered dreams* (seventh day),[45b].—Early in the morning a very vivid dream, so that he talked aloud, and then awoke (eighteenth day),[45b].—***Vivid, anxious dream**,[1].—***Anxious dreams, at night** (thirteenth day),[22a].—***Anxious, vexatious dreams**,[1].—***Anxious dream, as if something oppressed him** (nightmare),[1].—**An anxious dream, that fire came down from heaven*,[1].—[**3800.**] Anxious dream before midnight; she walked about like a somnambulist, thought there was a fire, dressed herself, talked out of the window, and was frightened as she heard that it was nothing; for three days afterwards she was very weak, and felt bruised,[1].—Anxious dream, in which she rose from bed unconscious, followed by violent headache (after three and four days),[1].—**Frightful, anxious dreams of danger of death, and of dead people*,[3].—**Dreams every night, partly anxious, partly indifferent*,[1].—**Anxious dream after midnight, every night*,[1].—***Nights disturbed by anxious dreams** (after taking 4th trit., and whilst using 3d trit.),[23].—**The anxious dreams returned; they were so vivid that on two occasions, believing that she sat on the chamber, she passed her water in bed (whilst taking the 2d trit.)*,[23].—

The night's rest was disturbed by anxious, half-remembered dreams* (first day),[25g].—At night, anxious dreams of danger from fire and water* (first night),[25d].—At night, lascivious dreams (eighth day),[22b].—[**3810.**] At night, erotic dreams (third day),[25f].—All night, many disagreeable dreams (second day),[22b].—At night, troublesome dreams (third day),[22b].—At night, uncomfortable dreams of murders (fourth day)[25].—Dreams full of disgust, and nausea on waking,[1].—**At night, horrible dreams, with great palpitation of heart*, and on awaking, sometimes rigor, sometimes heat and fear of robbers (seventh day),[18c].—**Frightful dream that he had been bitten by a dog*,[1]. —**Frightful dreams of fire, all night*,[1].—***Frightful dreams full of anxiety, every night**,[1].—**Frightful dreams that he was falling*,[1].—[**3820.**] Laughable fancies in a half dream before falling asleep; she laughed aloud, many evenings,[1].—Dreams, like fancies, immediately on closing the eyes,[1].—In the evening in bed, immediately after closing the eyes, horrible strange grimaces appeared to her; she could not banish them (after four hours),[1]. —At night on waking, a number (figure) appeared to her stretched out, and the lines were a quarter of a yard long; disappearing on lying on the other side,[1].—She ran about the room for five minutes without knowing where she was, with open eyes,[1].—The first three nights he rose from bed in a somnambulistic way, as if unconscious; cried, "My head, my head! I am crazy!" grasped his forehead; after walking about a little he came to himself,[1].—He lay in a kind of revery and talked aloud of whatever vision appeared to him, with open eyes, for three evenings in succession,[1].—Frequent nightmare,[66].

Fever.—Chilliness. **Chilliness*,[1].—Rigor (immediately after dose, fifth day),[18a].—[**3830.**] Frequent chilliness,[1].—Constant chills and heat; great feverishness,[64].—Early the next morning she complained of being cold; the head soon became hot, and the extremities cold; a few hours later a severe chill, succeeded by fever and perspiration, which lasted eight or ten hours; the chill then came on more severely than before,[67].—Shivering, at 8 A.M., lasting five to eight minutes,[1].—Chilliness from 9 A.M. till 5 P.M.,[3].—Internal chilliness about 10 A.M. (twelfth day),[43].—Chilliness for an hour, at 10 A.M., followed by rest, till 3 P.M., then heat in the head and hands, for two hours, with thirst for beer; repeated for some days,[1].—Soon after performing his ablutions, chilliness, which lasted until noon (second day),[22c].—In the forenoon, tiresome feeling of chilliness (thirty-fifth day),[45b]. —Chilliness in the forenoon, sensation of heat in the afternoon, though she was cold to touch,[1].—[**3840.**] Chilliness and coldness of the whole body, from 10 A.M. to 6 P.M.; was obliged to go bed, when the chilliness ceased; followed by burning heat in the palms of the hands, and at last, for an hour, warmth over the whole body, except on the head (without thirst),[3]. —Severe rigor, about noon (second day),[43].—At noon, again occurred the usual shivering, as if after exposure to a draft of air, with blueness of the nails and gooseskin, at first on the outside of both arms, then on the back down to the sacrum, and lastly on the abdomen, where it felt as if he were stroked across with something cold. It was lessened by the heat of the fire, increased by movement, and it was accompanied by the following symptoms: weariness, paleness of the face, which has a suffering expression, pains in the middle of the upper arms, and of the thighs and legs, as if the bones were broken, and pains shooting through the outside of the feet. All these symptoms, although they occurred at noon, did not in the least interfere with the prover's appetite; on the contrary, he ate his food with great relish (second and third days),[18a].—Chilliness, with thirst, without

subsequent heat, in the afternoon,[3].—*Chilliness after dinner* (and in the morning),[1].—Great chilliness after dinner,[1].—Short chill, every afternoon, followed by heat, with thirst, with cold feet and sweat on the face and hands, with dry cough, at night, as soon as he got into bed,[1].—Chilliness, at 5.30 P.M., followed by heat; then again chilliness, with some thirst, till 8 P.M.,[1].—Chilliness and coldness of the whole body, from 5 to 6 P.M., also from afternoon till evening,[3].—Chilliness and shivering, from 5 to 6 P.M.; then after lying down, heat of the hands and soles of the feet, soon disappearing, without thirst,[3].—[**3850.**] In the afternoon, although the temperature was only about 28° Fahr., he was wonderfully sensitive to the open air, with great chilliness and frozen feeling, with reddish-brown color of the hands (first day),[45b].—Disagreeable horripilation all over the body, after dinner, all the afternoon, and evening (third day),[45c].—After dinner, shivering (third day),[20a].—Shivering and sensation of coldness, after dinner,[1].—Sensation of much coldness, in the afternoon; then she became warm, but the feet remained cold,[1].—Chilliness, in the evening, slight perspiration, at night,[1].—Chilliness every evening, not relieved by the warmth of the stove; in the bed, great warmth and sour perspiration, every morning,[1].—In the evening, when writing, chilly feeling, soon, however, followed by the usual warm feeling (fourth day),[45a].—Chilliness for two hours, every evening, at 8 o'clock, without heat; but afterwards, on waking, at night, heat, without thirst,[1].—Violent chill, in the evening, in bed, followed by swarming fancies, afterwards heat and profuse perspiration,[1].—[**3860.**] Violent chill, from 7 P.M., through the night and the next day (after thirty-three days),[1].—Shaking chill, in the evening, with great paleness of the face,[1].—Shaking febrile chill, frequently, in the evening,[1].—Shaking chill, without thirst, from 7 to 8 P.M., with cold hands and great pressure in the stomach, as from heaviness; afterwards, again the usual warmth, with thirst,[1].—About 7 P.M., violent febrile rigor, without shuddering or thirst, which lasted half an hour, although he went to bed and covered himself with the bedclothes. This was followed by great heat, which lasted one hour and a half, with full, rapid pulse (thirty-eighth day),[82].—**Shuddering over the whole body, in the evening, in bed, like a shuddering through the skin,*[1]. —**Shivering, in the evening, followed by heat of the face and hands, with thirst,*[1]. —Shivering over the whole body, from 8 to 9 P.M., till lying down, without subsequent heat or thirst,[3].—**Chilliness, at night,*[1].—Chilly, at night, in bed, especially in the abdomen, she could not get warm,[3].—[**3870.**] Chilliness, at night, in bed, lasting four hours, preceded by colic, together with heat, without thirst, with profuse perspiration,[1].—Chilliness, at night, in bed, lasting four hours, preceded by colic, together with heat, without sweat; profuse sweat on the following night,[1].—**Awoke, at night, with febrile shivering; yet was warm to the touch; followed by some heat,*[1].—About 11 P.M., on going to bed, rigor in bed, and aching on the right side of the vertex, lasting until he went to sleep; it recurred the next morning, on awaking, and lasted an hour (first day); rigor returned, in the evening, in bed (second day); rigor not removable by heat of fire; the nails blue, the face pale, the head giddy and heavy; this rigor never lasted long, but it constantly recurred, especially on moving, also after swallowing the saliva, and it was attended with a sensation as if the bones of the upper arm were broken; feeling of coldness, as from a draft of air, diagonally across the abdomen above the navel (third day),[18].—Before going to sleep, rigor (twenty-second day),[43]. —***Frequent internal chilliness,** *without thirst,*[1].—**Chilliness, with thirst, even by the warmth of the stove, lasting from after dinner till* 4 P.M.,[3].—Chilli-

ness, followed by shivering, over the whole body, as though starting from the toes, without subsequent heat or thirst, from 4 to 6 P.M.,[3].—Chilliness, with diarrhœa, lasting a few hours,[3].—Chilliness, followed by heat, in the evening, in bed, before falling sleep,[1].—[**3880.**] **Chilliness, with perceptible heat*, with frequent shivering, for nearly half an hour,[3].—***Chilliness, with headache, in the evening**, *disappearing after lying down*,[3].—Chilliness, after disagreeable news; subsequently he could scarcely get warm in bed,[1]. —The open air makes him as chilly as if naked,[1].—**Creeping shivering over the skin, without chilliness*,[1].—Horripilation and chilliness over the whole body; the hands and feet especially are cold; constant chilliness in the afternoon; about 6 P.M., he went to bed; for a long time he could not get warm; the hands and feet were especially cold (fourth day),[45c].—In bed, slight shivering, followed by general heat, and finally profuse perspiration, smelling distinctly of Sulphur (first day),[18d].—**Shivering on the slightest movement, in bed*,[1].—Sensation of coldness, without shivering, for several hours, followed by heat, with slight thirst, slight sweat, with headache and hoarseness, great weakness and loss of appetite,[1].—Coolness all over the body, soon after taking the medicine (seventh day),[45a].—[**3890.**] Chilliness and burning in the skin above the forehead, in the evening; this burning extends by and by over the forehead (seventeenth day),[45a].—Sensation of coldness on the head,[1].—Coldness of the nose, hands, and feet,[1].—Transient chilliness on the chest, arms, and back,[1].—Epigastric region externally cold to touch,[1].—Rigor over the whole abdomen (in three hours, thirtieth day),[29].—***Chilliness in the back, in the evening**, *lasting an hour, without subsequent heat*,[1].—**Chilliness in the back, in the evening, lasting an hour, without subsequent heat*,[1].—***Chilliness constantly creeps from the small of the back, up the back**, *without subsequent heat or thirst*, from 6 to 8 P.M.,[3]. —**Chilly creepings up the back, relieved by the warmth of the stove, in the evening*,[3].—[**3900.**] Disagreeable chilliness over the back and in the limbs (eighteenth day),[45a].—Chilly feeling, extending from the lumbar vertebræ to the abdomen and extremities (soon),[29].—**Shivering, extending from the feet up over the back into the arms, at* 6 P.M., *lasting half an hour*,[3].—In the forenoon, horripilation, extending from the spine over the abdomen, the back, and the upper extremities; at 7 P.M., a recurrence of the horripilation (sixth day),[29a]. —When lying in bed, rigor, proceeding from the right side of the lumbar vertebræ, and spreading over the right side of the body (ninth day),[29a].—Rigor, extending from the lumbar vertebræ over the limbs, and at the same time feeling of bursting and distension of the abdomen; about 4 P.M., the rigor recurred, and this time was accompanied by painful shoots in the urethra, and aching-boring pains in the bones of the forearm (seventeenth day),[29].—In the evening, rigor, proceeding from the lumbar vertebræ, and cold feeling in the limbs, especially the lower ones, accompanying a firm motion, after much straining (thirtieth day),[29].—Whilst urinating, and for a quarter of an hour afterwards, rigor, which extended from the lumbar vertebræ over the abdomen (thirty-eighth day),[29].—Feeling of coldness spreading out from the lower third of the spine over the body and lower extremities; it was three-quarters of an hour before he got warm in bed, and all day long he had rigor in his back (seventh day); two attacks of rigor, in the morning (eighteenth day),[40].—Coldness of the genitals, in the morning,[1].—[**3910.**] Glans penis and prepuce icy cold,[1].—**Feeling of coldness through all the limbs*, without subsequent heat, in the forenoon,[1].—**Coldness of the extremities*, at 3 P.M. (sixth day),[33].—**Very cold hands and feet* (second day),[45a].—Her hands and feet became quite cold, she almost fainted, and

her face turned livid,[62].—Very cold hands and feet, in the afternoon, followed by shaking chill for half an hour, with blue face; subsequently heat and perspiration till 9.30,[1].—Horripilation in both arms (soon),[18a].—During his proving of Sulphur, he had frequently felt a cold sensation in the left upper arm, but never so distinctly as to-day (sixteenth day),[28c].—My hands had for several days been unusually cold, and I had a sensation in the lips as if they were covered with salt (tenth day),[18a].—Coldness of the fingers,[2].—[**3920.**] Coldness of the left lower extremity,[1].—Immediately afterwards, cold feeling, followed by burning in the parts rubbed (the thighs), (first day); cold feeling and subsequent burning less than yesterday (second day),[22c].—Coldness and a sensation of coldness in the legs, in the evening,[1].—Towards evening, chilly feeling in the feet (twenty-fourth day),[29].—Cold feet (seventy-seventh day),[45a].—* *Cold, sweaty feet*,[1].—* *Cold feet all day and evening, till going to sleep*,[1].—At night, in bed, icy coldness of the feet (thirty-first day), with glowing heat in the head and hands, before falling asleep (thirty-second day),[33].—Coldness of the feet, which lasted all night (I awoke several times during the night, owing to vivid dreams, and on each occasion I felt a coldness of the feet), and did not entirely go off till after getting up next morning (twelfth day),[44b].—* *The feet are constantly cold*, she cannot get them warm, in the evening, in bed,[1].—[**3930.**] The feet are icy cold, in the evening, till going to bed,[1].—* *Coldness of the feet, especially in the evening*, for several days,[48].—* *Great coldness of the feet and palpitation, after dinner*,[1].—Distressed by coldness of the feet, during dinner, with itching of the nostrils, from which water drops, with impatience, which makes everything difficult,[1].—Coldness of the soles of the feet,[1]; (fourth day),[34a].—***Heat.*** The prover was interrupted by an attack of intermittent fever (first, rigor, with thirst, then long-continued heat, without thirst, but with great rush of blood to the head),[17e].†—Fever at noon; much internal heat, with redness of the face, together with chilliness; all the limbs were weary, as if burised, with great thirst, till midnight, when the chilliness and heat disappeared and he broke into perspiration all over, lasting three hours (nineteenth day),[1].—Fever every forenoon, internal chilliness, worse daily, with vertigo, as if the head would sink down, without thirst; followed by such great weakness that he could no longer go upstairs, with perspiration day and night, only on the head, which was puffy,[1].—***Orgasm of blood**,[47].—***Great orgasm and violent burning in the hands**,[1].—[**3940.**] **A little beer causes orgasm of blood*,[1].—Febrile heat, first on the face, with a sensation as if she had passed through a severe illness; immediately followed by some chilliness, with much thirst (after four days),[1].—Febrile heat, with thirst, from noon till evening,[1].—Slight febrile excitement, at night (two hundred and nineteenth day),[45b].—Heat, towards morning, as if sweat would break out,[1].—Anxious, distressing heat, in the morning, in bed, with perspiration and dryness of the throat,[1].—Heat in the morning, on waking, which soon disappears,[1].—About noon, very great heat, so that the cheeks glowed. "I have observed this fever for two days. Till 11 A.M., I am always very cold; from 12 to 2 P.M., excessively hot; from 3 to 4 P.M., again cold, and before bedtime, hot once more" (twelfth day),[43].—In the afternoon, heat of the whole body (fifth

† Whether this fever, which lasted for six weeks, and then left me *extremely weakened*, and whether the disagreeable circumstance that I, who had previously always had good teeth, got five carious teeth about the beginning of September, one of which (a wisdom tooth) I was forced to have extracted, on account of the violence of the pain, was owing to the Sulphur I had taken, I am unable to decide.

day); great heat (ninth day),[37].—Heat in the afternoon, mingled with chilliness and constant palpitation,[1].—[**3950.**] In the evening, flying heat (sixteenth day),[34a].—In the evening, without any previous rigor, violent febrile heat (eighteenth day),[32].—Great heat, alternating with chilliness, at night,[1].—At night, heat of the body much increased (fourth day),[37a].—**At night, feeling of heat in the whole body,* **especially in the palms of the hands** (first day),[15b].—At night, heat and considerable perspiration (nineteenth day),[37].—About 2 A.M., prickling warm feeling all over the skin, with disposition to perspire (third day),[25f].—*Dry heat, in the morning, in bed,*[1].—Dry heat of the body, every room seems too warm,[1].—Heat and much thirst the whole day, not at night,[1].—[**3960.**] A sense of heat in the skin of the whole body, with tendency to perspire (after four hours, fourth day),[25].—When at stool, increased heat of body and profuse flow of saliva into the mouth (second day),[16d].—**Frequent, very transient flushes of great heat,*[1].—Internal heat, with thirst,[1].—Sensation of heat within the whole body, a burning extending from below upward in the chest, though without thirst; she was obliged to force herself to drink,[1].—Heat of head (probably the effect of alcohol), (immediately, eighth day),[22b].—Increased warmth and disagreeable fulness in the head (first day),[41a].—Feeling of increased warmth and a disagreeable fulness in the whole head, from 7 to 9 P.M. (second day),[41].—* *Violent dry heat in the head, with glowing face, in the morning, on waking,*[1].—Rising of heat in the head, with redness of the face and warmth of the forehead,[5].—[**3970.**] **Flashes of heat to the head, towards* 2 P.M. (twelfth day),[15].—Flying heat in head (in a quarter of an hour),[20a].—**In the room, feeling of heat in the head* (forty-second day),[22a].—**Heat in the head, which long prevented his falling asleep* (ninth day),[43].—**Feeling of heat in head and face,* followed by pimples on right side of face; all this soon went off (after a few minutes),[73].—**Heat in the head, in the morning,*[1].—In the morning, soon after waking, head hot, slightly confused; these symptoms went off soon after washing (second day),[30].—About 4 P.M., after a glass of beer, heat of head (nineteenth day),[22a].—From 7 P.M, increased warmth and confusion of the head (second day),[41a].—**Heat in the head, in the evening, with cold feet,*[1].—[**3980.**] **Orgasm of blood in the head and frequent flushes of heat,*[1].—Feeling of heat in occiput (after half an hour, ninth day),[22a].—On coming into the heated room, hot feeling in the occiput, which only lasted a short time (ninth day); less troublesome (tenth day),[22a].—During the day, frequent attacks of heat in the occiput, with aching pain there, which always went off on walking, in the open air, but always returned on coming into the room (twelfth day); sudden attacks of hot feeling and aching pain in the occiput (fourteenth day),[22a].—Heat of head and aching pain in occiput (forty-third day),[22a].—In the morning, on waking, heat in the occiput, which went off after rising from bed (second day),[22b].—In the morning, heat and pain in the occiput (third day),[22b].—On awaking, in the morning, continued heat and aching pain in the occiput (sixth and seventh days),[22b].—Heat in the occiput (immediately, ninth day),[22b].—**Heat of the face, every afternoon, from* 5 *to* 9,[1].—[**3990.**] **Heat and burning in the face,* with a few chiefly red spots between the eye and ear,[1].—**Heat in the face, during the day,* then every evening, about 5 or 6, chilliness for half an hour, followed by heat all over, for an hour,[1].—**Heat of the face through the day,* with burning on the malar bones, and redness of the whole nose,[1].—**Redness and heat of the face, with burning, especially about the mouth,*[1].—Heat in the face and nausea, in the morning, on waking,[1].—* *Great heat of the face, with chilliness over the back* and scalp, towards even-

ing,[1].—Sensation of increased heat of the face, especially in the cheeks and around the eyes (sixteenth day),[45].—**Flushes of heat of the face, followed by coldness and sensation of coldness over the whole body*; then weakness in the bones of the lower extremities, especially noticed while sitting, as if there were no marrow in the bones,[1].—***Flushing heat in the face, with febrile shivering on the body,**[1].—Flushes of heat in the left cheek, for an hour, in the forenoon and afternoon,[1].—[**4000.**] In the evening, flying heat in the face (twenty-eighth day),[33].—Burning heat and redness of the face, and at the same time a squeezing feeling in the cardiac region, in the evening (third day),[39b].—Painful burning heat in the face and throat, with red spots in the face,[1].—Feeling of heat in the back (eighteenth day),[34a].—Dry heat of the lower extremities,[1].—***Burning heat of the palms of the hands** (twelfth day),[15].—In the forenoon, increased heat of the hands (twelfth day),[29a].—Sensation as if warmth would pass over the legs, sometimes more, sometimes less, at 8 P.M. (first day),[3].—**Dry heat in the thighs and small of the back, with coldness of the back,*[1].—***Heat of the feet, with a burning sensation in the evening, in bed, so that she was obliged to uncover them for several hours; followed by uneasiness, itching and crawling in them; was obliged to rub them,**[1].—***Sweat.*** [**4010.**] **On awaking, in the morning, he had to change his linen on account of profuse perspiration, smelling of Sulphur* (twenty-second day); general perspiration in a diminished degree (twenty third day),[16].—The cutaneous transpiration has an odor of Sulphur (eleventh day),[45]; (twenty-third, sixty-third, and one hundred and seventh days),[45a]; (one hundred and seventy-fifth day),[45b].—Much perspiration, smelling strongly of Sulphur, in the forenoon (one hundred and seventy-fifth day),[45b].—The cutaneous transpiration, especially on the hands, smells strongly of Sulphur; all the metal articles he has about his person begin to turn black (one hundred and fifty-sixth day),[45b].—Although I often washed the whole body, still I always observed that my perspiration smelt of Sulphur strongly,[22e].—**Increased perspiration,*[47].—**Profuse sweat* (one hundred and forty-second, one hundred and seventy-eighth, and one hundred and seventy-ninth days),[45b].—Profuse perspiration, during the day (one hundred and ninety-fourth day),[45b].—Tendency to perspiration (twenty-second to thirty-first day),[32].—Tendency to perspiration, especially in the face (eleventh day),[34].—[**4020.**] During the day considerable perspiration. At night great perspiration on the right leg (one hundred and ninety-eighth day),[45b].—She comes over in the day in clammy perspirations, feeling as though she would faint,[57].—Anxious perspiration, with trembling, in the evening; followed by vomiting, with anxious urging to stool; afterwards heaviness of the head and weakness of the arms,[1].—**Profuse perspiration, in the morning, only on itching parts,*[5].—Towards morning, general warm perspiration, with anxiety, causing him to throw off the bedclothes (third day),[30].—**Morning sweat, always after waking, about 6 or 7 o'clock,*[1].—**Perspiration in the morning, during sleep, disappearing on waking,*[1].—During the morning sleep, profuse perspiration all over the body (one hundred and sixth day),[45b].—Profuse sweat, in the morning, only on waking,[1].—In the morning, when walking moderately, much perspiration (one hundred and forty-seventh day),[45b].—[**4030.**] Profuse perspiration, in the morning, when walking (one hundred and ninetieth, one hundred and ninety-first, and one hundred and ninety-second days),[45b].—Great perspiration, in the forenoon (one hundred and ninety third, two hundred and sixth, and two hundred and eighth days),[45b].—In the forenoon, with a temperature of 86° Fahr., uncommonly copious perspiration, and so much prostrated by

the heat, he could scarcely speak; at night, perspiration all over (one hundred and twenty-ninth day),[45b].—Very profuse sweat, in the forenoon, when walking (one hundred and fiftieth day),[45b].—Much perspiration, especially in the forenoon; the perspiration occurred at every movement, and was generally greatest on the occiput (two hundred and ninth to two hundred and thirteenth day),[45b].—**Some perspiration, in the evening, in bed*,[1].—Sweat, in the evening, before lying down, especially on the hands, and immediately after lying down, heat and difficult falling asleep,[1].—***Sweat at night** (first day),[42a]; (one hundred and sixtieth day),[45b].—Severe perspiration, at night (eight nights),[45b].—***At night, profuse sweat and restless sleep** (ninth and tenth days),[37].—[**4040.**] At 3 A.M., profuse perspiration (eighteenth day),[27].—At night, uncommonly profuse perspiration over the whole body, without any bad smell (twenty-first and twenty-second days); profuse sweat, again (twenty-fourth day),[35b].—At night, perspiration, followed by disappearance of the skin symptoms (fifth day),[20].—**At night, perspiration all over the body*, especially on the right leg (one hundred and fourth day); at night, profuse sweat over the whole body, especially on the right leg (one hundred and tenth day); at night, moderate sweat on the whole body (one hundred and eleventh day); at night, profuse perspiration, especially on the right leg (one hundred and forty-third day); at night, profuse perspiration all over the body, especially the right leg (one hundred and fourteenth day); at night, perspiration over the whole body, especially the right leg (one hundred and seventy-seventh day),[45b].—**Much perspiration all over the body, at night* (fourth day),[45c].—Nightsweat, of a sour, burnt odor,[1].—Profuse sour nightsweats, immediately, from the evening on,[1].—At night, sour-smelling perspiration (forty-fourth day),[27a]; (one hundred and thirty-third day),[45b].—At night, sour-smelling perspiration and little sleep (forty-third day),[72a].—After discharge of thin fæces, outbreak of perspiration all over the body, especially on the forehead, which relieved the confusion of the head; thereafter only a transient feeling of pressure in the forehead (ninth day),[21].—[**4050.**] Profuse perspiration, when walking, in the forenoon (third day),[25f].—When walking, profuse perspiration, especially on the occiput, which is quite wet (one hundred and sixty-first day),[45b].—When walking, very profuse perspiration, though it was a cool rainy day (one hundred and ninety-fifth day),[45b].—Profuse perspiration, when walking (one hundred and sixty-second and one hundred and sixty-third days),[45b].—**Much perspiration, while walking, in the open air*,[1].—**Inclined to perspire on the slightest motion*,[1]; (eleventh to eighteenth day),[22].—Great perspiration on the slightest movement, all day long (two hundred and seventh day),[45b].—**Violent perspiration on slight motion or manual labor*,[1].—In the evening, from slight work, she perspired a short time, afterwards had a waking dream, as if she had on a garment which she must take great care to avoid soiling,[1].—Great inclination to perspire, while sitting, reading, writing, talking, and walking,[1].—[**4060.**] Profuse perspiration, while sitting; no perspiration at night,[1].—Profuse perspiration on the head (two hundred and fourteenth day),[45b].—Great perspiration, especially on the occiput, after walking rapidly (one hundred and fifty-fourth day),[45b].—Profuse sweat on the occiput (one hundred and fifty-sixth day),[45b].—Profuse perspiration, especially in the occiput (one hundred and sixtieth day),[45b].—Perspiration on the face and neck, in the morning, in bed, and bruised sensation in the limbs, on standing,[1].—Drops of perspiration on the face, on the slightest effort,[1].—Perspiration of the face and redness of white of the eye, while eating,[1].—On the least exertion, perspiration in the face and nape

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the heat, he could scarcely speak; at night, perspiration all over (one hundred and twenty-ninth day),[45b].—Very profuse sweat, in the forenoon, when walking (one hundred and fiftieth day),[45b].—Much perspiration, especially in the forenoon; the perspiration occurred at every movement, and was generally greatest on the occiput (two hundred and ninth to two hundred and thirteenth day),[45b].—**Some perspiration, in the evening, in bed*,[1].—Sweat, in the evening, before lying down, especially on the hands, and immediately after lying down, heat and difficult falling asleep,[1].—***Sweat at night** (first day),[42a]; (one hundred and sixtieth day),[45b].—Severe perspiration, at night (eight nights),[45b].—***At night, profuse sweat and restless sleep** (ninth and tenth days),[37].—[**4040.**] At 3 A.M., profuse perspiration (eighteenth day),[27].—At night, uncommonly profuse perspiration over the whole body, without any bad smell (twenty-first and twenty-second days); profuse sweat, again (twenty-fourth day),[35b].—At night, perspiration, followed by disappearance of the skin symptoms (fifth day),[20].—**At night, perspiration all over the body*, especially on the right leg (one hundred and fourth day); at night, profuse sweat over the whole body, especially on the right leg (one hundred and tenth day); at night, moderate sweat on the whole body (one hundred and eleventh day); at night, profuse perspiration, especially on the right leg (one hundred and forty-third day); at night, profuse perspiration all over the body, especially the right leg (one hundred and fourteenth day); at night, perspiration over the whole body, especially the right leg (one hundred and seventy-seventh day),[45b].—**Much perspiration all over the body, at night* (fourth day),[45c].—Nightsweat, of a sour, burnt odor,[1].—Profuse sour nightsweats, immediately, from the evening on,[1].—At night, sour-smelling perspiration (forty-fourth day),[27a]; (one hundred and thirty-third day),[45b].—At night, sour-smelling perspiration and little sleep (forty-third day),[72a].—After discharge of thin fæces, outbreak of perspiration all over the body, especially on the forehead, which relieved the confusion of the head; thereafter only a transient feeling of pressure in the forehead (ninth day),[21].—[**4050.**] Profuse perspiration, when walking, in the forenoon (third day),[25c].—When walking, profuse perspiration, especially on the occiput, which is quite wet (one hundred and sixty-first day),[45b].—When walking, very profuse perspiration, though it was a cool rainy day (one hundred and ninety-fifth day),[45b].—Profuse perspiration, when walking (one hundred and sixty-second and one hundred and sixty-third days),[45b].—**Much perspiration, while walking, in the open air*,[1].—**Inclined to perspire on the slightest motion*,[1]; (eleventh to eighteenth day),[22].—Great perspiration on the slightest movement, all day long (two hundred and seventh day),[45b].—* *Violent perspiration on slight motion or manual labor*,[1].—In the evening, from slight work, she perspired a short time, afterwards had a waking dream, as if she had on a garment which she must take great care to avoid soiling,[1].—Great inclination to perspire, while sitting, reading, writing, talking, and walking,[1].—[**4060.**] Profuse perspiration, while sitting; no perspiration at night,[1].—Profuse perspiration on the head (two hundred and fourteenth day),[45b].—Great perspiration, especially on the occiput, after walking rapidly (one hundred and fifty-fourth day),[45b].—Profuse sweat on the occiput (one hundred and fifty-sixth day),[45b].—Profuse perspiration, especially in the occiput (one hundred and sixtieth day),[45b].—Perspiration on the face and neck, in the morning, in bed, and bruised sensation in the limbs, on standing,[1].—Drops of perspiration on the face, on the slightest effort,[1].—Perspiration of the face and redness of white of the eye, while eating,[1].—On the least exertion, perspiration in the face and nape

of the neck (nineteenth day),[34a].—Constant perspiration on the nape of the neck, nearly all day, at times with a feeling of coldness and shivering, lasting fourteen days,[1].—[**4070.**] Nightsweat only on the nape of the neck, so that the shirt and neckband were soaked,[3].—Perspiration over the whole abdomen as far as the groin, at night, with cold feet as far as the ankles, and dull cutting in the soles of the feet,[1].—Perspiration on the hands and feet, in the morning,[1].—Very profuse perspiration on the hands and feet; this local sweat, during this and the following days, was always clammy, and only occurred during the day (twenty-fourth day); local sweats continue, especially in the feet, so that he must change his stockings, which are wet through (twenty-fifth day); the local perspirations appear in a diminished degree, during the first four days, and go off gradually during the next three (twenty-sixth to thirty-second day); an inconsiderable perspiration in the axilla (thirty-fifth to forty-fifth day),[16].—***Sweat in the axillæ,**[1].—***Very disgusting, offensive sweat in the axillæ,**[1].—**Perspiring uncommonly in the axillæ* (two hundred and seventy-eighth day),[45b].—Perspiration in the axillæ and palms (fifth day); much sweat in the axillæ and palms (ninth and tenth days),[37].—**Sweaty hands,*[1].—**Profuse perspiration between the fingers,*[1].—[**4080.**]**Sweating about the knees at night* (one hundred and fourteenth day),[45a].—Profuse sweat on the right leg, at 5 A.M. (sixty-seventh day); legs quite wet with perspiration, in the morning (seventy-ninth day); some sweat on the legs, at night (eighty-second and eighty-third days); much perspiration on the right leg (eighty-ninth day); at night, severe perspiration on both legs (ninety-second day); sweat on the right leg (ninety-seventh day); much sweat on the right leg, at night (one hundred and seventh day); profuse sweat on both legs, at night (one hundred and twelfth day),[45a].—On both legs, during the night, such profuse sweat that in the morning they were still quite wet (third day); a great deal of perspiration on the legs, at night (fifth day); at night, very profuse perspiration on the legs (twenty-sixth day); at night, perspiration on both legs (twenty-eighth day); at night, much sweat on both legs (thirty-first day); at night, sweat on the right leg, a symptom which recurs almost every night (thirty-third day); at night, profuse perspiration on the right leg (ninetieth, ninety-fifth, and ninety-eighth days); at night, much sweat on the right leg, a symptom which recurred almost every night about this time (one hundred and first day); at night, great perspiration on the legs (one hundred and sixth day); the perspiration only occurred after awaking, in the morning (one hundred and tenth day); at night, much sweat on both legs (one hundred and eighteenth day); in the evening, immediately after lying down in bed, as copious sweat on the legs as if they had been dipped in water (one hundred and twenty-first day); at night, severe perspiration on the right leg (one hundred and twenty-second day); severe perspiration on both legs, at night (one hundred and twenty-eighth day); at night, great perspiration on the right leg (one hundred and thirty-eighth day); at night, on both legs, especially the right one, great perspiration (one hundred and fortieth day); profuse perspiration on both legs, at night (one hundred and forty-seventh day); perspiration on the right leg, at night (one hundred and sixty-third day); perspiration on both legs, at night (one hundred and seventy-ninth and two hundred and twenty-second days); perspiration of the right leg, at night (two hundred and fifty-fifth day); profuse perspiration on both legs, in the morning (two hundred and seventy-ninth day),[45b].—At night, sweat on the right foot (eighteenth day),[45b].—Perspiration on the soles,[1].—Cold sweat on the left sole,[1].

Conditions.—**Aggravation.**—(*Morning*), Ill-humor; vertigo; pressure in head; headache over eyes; headache in crown; headache in eyes; eyelids agglutinated; sneezing; 7 to 8 A.M.., toothache; salt mucus on tongue; bad odor from mouth; mouth dry; disagreeable taste; sour taste; bitter taste; dryness in throat; empty eructations; nausea; pressure in stomach; on waking, tension in abdomen; rushing of blood to chest; on rising, palpitation; heaviness in back and lower extremities; aching in sacrum; bruised feeling in the limbs; stiffness of wrists; in bed, heaviness and weakness of lower extremities; itching; indolent; early waking; sweat.—(*Forenoon*), Pressure in forehead; from 11 A.M. till evening, stitches in forehead; palpitation; fever.—(*Afternoon*), Pressure in forehead; pain above and beneath eyebrows; jerking in lids; toothache; 2 to 3 P.M., weakness and sleepiness; chill; 5 to 6 P.M., heat of face.—(*Evening*), Ill-humor; vertigo; stitches in forehead; pressure in eyes; roaring in ears; stitches in rectum; cough; in bed, stitches in corn; after getting warm in bed, prickling in skin of the whole body; chilliness; coldness of feet.—(*Night*), Headache; pressure in stomach; sudden colic; pressure to stool; uneasiness; cough; dyspnœa; throbbing in chest; pain in back; heaviness of lower extremities; pain in thigh; itching; restlessness; dreams; after midnight, anxious dreams; chilliness; sweat; sour sweat; sweat on legs.—(*Open air*), Headache; toothache; hiccough; sensitiveness; cracking of skin.—(*Cold air*), Toothache; pains.—(*Draft of air*), Pains in abdomen.—(*Bending head*), Cracking in cervical vertebræ; to right, pain in right side of neck.—(*Biting*), Toothache.—(*Breathing*), Pain in shoulder.—(*Deep breathing*), Stitches in left side of abdomen; griping in abdomen; shooting in left side of chest.—(*Coughing*), Stitches in parietal and occipital bones.—(*After dinner*), Cutting colic.—(*Drinking beer*), All symptoms.—(*After eating*), Pain in stomach; colic; chilliness in abdomen; much affected and exhausted.—(*Earnest thought*), Confusion.—(*Exertion of chest*), Stitches in it.—(*Farinaceous food*), Trouble in abdomen.—(*Feather bed*), Pain in limbs.—(*On going upstairs*), Tension in knees.—(*Heat of bed*), Exanthema; itching.—(*During menses*), Drawing colic; pain in lower abdomen.—(*Milk*), Eructations.—(*Motion*), Cramp in chest; cracking of sternum; pain in centre of thorax; aching in left side of chest; pain in back; pressure in arms; shooting pains in left shoulder; stitches from shoulder into chest; pressure in elbow-joint; pain in forearm; pain in left lower extremity; sticking in right knee; cracking in ankles; sticking on back of right foot.—(*Moving arm*), Pain in chest; sticking in pectoral muscles.—(*Pressure*), Pressive headache; tearing in left pectoralis major.—(*Reading*), Shooting through left eye.—(*Rest*), Tearing in shoulders; tearing in right upper arm; tearing in elbow-joint; pain in hip; most troubles.—(*Rising from seat*), Pain in small of back.—(*Rubbing*), Burning in ankle.—(*Sitting*), Burning in anus; bearing down in anus; shortness of breath; stiffness in back; pressure in small of back; pressure in hollows of knees; weariness in legs; drawing in calves.—(*Sneezing*), Pressure in ears.—(*Standing*), Burning in stomach; tearing in lower extremities; shoots in right knee-joint; sticking in right knee; weariness in legs; the symptoms.—(*Stepping*), Tearing in left knee.—(*Before stool*), Colic.—(*During stool*), Pressure in rectum.—(*Stooping*), Vertigo; headache; cutting around navel; griping in abdomen; stitches in nape of neck; backache; weight in small of back; pain in small of back.—(*Swallowing*), Pressure in ears; pressure in upper part of throat; constriction of throat; stitches in throat.—(*Talking*), Cough.—(*Touch*), Pain in small of back; pain in left hand.—(*Turning in bed*),

Pain in sacro-lumbar region.—(*While urinating*), Burning in urethra; aching in small of back.—(*Walking*), Vertigo; headache; pain in left temple; burning in stomach; constriction of chest; pain in back; tearing in limbs; pain in hip-joint; swelling of feet; burning and itching on the soles of the feet; weariness; perspiration.—(*Walking in open air*), Head and stomach symptoms; stitches in hepatic region; cough; shortness of breath; pressure on sternum; palpitation; pressure on shoulders; sticking itching.—(*After walking*), Heaviness and weakness of lower extremities.—(*Cold water*), Pressure in forehead; toothache.—(*After wine*), Eruption.

Amelioration.—(*Bending body*), Pain in stomach.—(*Eructations*), Pressure in stomach.—(*In the house*), Headache.—(*Lying in bed*), Cramp in chest.—(*Motion*), Tearing in shoulders; tearing in right upper arm; pain in right wrist; jerking in both soles.—(*Pressure of hand*), Pressure in stomach.—(*Rubbing*), Numbness and crawling in soles of feet; tearing in sole of right foot.—(*Scratching*), Itching.—(*Sitting up*), Short breathing.—(*Walking*), Griping in abdomen; pressure in small of back; tearing in lower extremities; drawing in calves; most troubles.—(*External warmth*), The pains.

SULPHURETTED HYDROGEN.

Hydrogenium sulfuratum.

Authorities. **1**, Belhomme, Gaz. Med., 1830 (A. H. Z., 19, 63), a man was poisoned by opening a grave in a cemetery; **2**, Prof. A. T. Thomson, Lancet, 1836–7 (2), p. 922; **3**, T. S. Bell, M.D., Western Journ. of Med. and Surg. (Bost. Med. and Surg. Journ., vol. 44, 1851, p. 349), an old gentleman was severely poisoned by the gas, but recovered; **4**, Cattell, Brit. Journ. Hom., vol. 11, 1853, p. 343; **5**, Barker, Sanitary Rev., 1858 (S. J., 101, 226), general effects.

Mind.—Loss of consciousness,[1 2 5].—Coma,[4].—Coma, which advances gradually from a condition like natural sleep until the coma is complete,[2].

Head.—Giddiness and general debility,[4].

Eye.—Eyes sunk, with dark areola around them,[4].—Injected pupils,[1].

Face.—Face pale,[4].—Face very red,[1].—Lips violet-colored,[4].—[**10.**] Blue lips,[1].

Stomach.—Nausea,[4].—Sickness and debility,[4].—Vomiting and diarrhœa, both of which was difficult and painful,[5].—Sensation of weight in epigastrium and in region of temples,[4].

Abdomen.—Diffused pains in the abdomen,[4].

Respiratory Organs.—Rapid and irregular respiration,[5].—Respiration labored,[4].—The breathing, if the spasmodic attempts after air that were made by the sufferer can properly be called breathing, seemed to carry no air to the lungs,[3].—Immediate asphyxia,[2].

Pulse.—[**20.**] Rapid pulse,[5].—Pulse at first weak, afterwards hard and rapid,[1].—Pulse irregular,[4].—Pulse sometimes manifesting itself in a feeble flutter, and at other times altogether absent,[3].

Generalities.—Blood brownish black,[4].—Muscular system flabby and emaciated,[4].—Convulsions,[1 4].—Spasms,[5].—Tetanic spasms, which are sometimes preceded by delirium, sometimes by pains of the stomach, faintness, and difficult breathing, and the mouth fills with white froth, whilst the pulse sinks,[2].—Tetanus, with delirium, preceded by convulsions or pain, and weakness over the whole body,[4].—[**30.**] Trembling,[5].—Sudden weak-

ness,[2].—Sudden weakness, and loss of motion and sensation,[4].—Extreme exhaustion,[5].—Extreme exhaustion and depression,[4].

Fever.—Cold skin,[1 4].—Skin universally cold, as cold as death itself could make it,[3].—Low fever and delirium,[4].

SULFUR IODATUM.

Iodide of Sulphur, S_2I.

Preparation, Triturations.

Authorities. **1**, H. Kelsall, M.D., Month. Hom. Rev., vol. 2, p. 155, took 2 or 3 grains; **2**, A. J. R., employed in preparing 1st dec. trit. (10 grains Iodide of Sulphur and 90 grains sugar of milk); **2** *a*, same, two days later prepared 2d dec. trit., the next day 3d dec. trit.; **2** *b*, same, smelled 1st dec. trit. (fifth day); **2** *c*, same, three weeks later smelled a bottle containing 4th dil.; **2** *d*, additional symptoms reported by A. J. R. (it will be observed that they were all produced by olfaction alone); **3**, an elderly military officer, who frequently suffered from chronic bronchitis, and whose constitution was greatly shattered by hardships and too great use of allopathic remedies, took 3d trit., 1 grain in 3 spoonfuls water, a spoonful an hour before breakfast and dinner, and on going to bed (first day); 2 grains in same way (third day); **4**, editor of same journal, effect on himself of preparing Iodide of sulphur.

Mind.—Doubtful,[2d].—Anxious,[2d].—Unsteadiness of ideas,[2d].—Apathy and inaptitude for business,[2d].—Dread of exertion,[2d].

Head.—Headache,[1].—Headache continued (second morning),[2].—Head feels swollen,[2d].—A recurrence of the feelings in the head and throat followed,[2e].—[**10.**] Frontal headache,[2d].—Feeling of tightness, in the forehead (after second dose, first and second days),[3].—Shooting and throbbing in the temples, when stooping,[2d].—Throbbing in the temples,[2a].—Shooting pains in the top of the head,[2a].—Sides of the head ached, with a sensation as if the head were pressed in a vise (first evening),[2].—The hair feels as if erect,[2d]. Soreness of the scalp,[2d].—Soreness of the vertex,[2d].

Eye.—Eyes bleared, particularly the left one (third day),[3].—[**20**] Inclination to close the eyes, as if to press out tears,[2d].—Eyelids heavy,[2a].—Eyes water a good deal (second day),[3].—Eyes dim,[2a].

Ear.—Itching, tingling, and buzzing, in the ears,[2d].—Singing in the ears (five minutes after first dose), accompanied by a feeling of tightness above the eyes, as if a band were drawn tightly over the forehead (after second dose); both symptoms increased (after third dose, first day),[3].—Same singing in the ears (after first dose), with a greater feeling of tightness over the forehead, increasing to a dull heavy pain (after second dose); much aggravated, with feeling of soreness in the throat, accompanied by a whistling noise and a sensation of heat about the pit of the stomach, which increased to such a degree as to become quite painful, extending over the chest, and giving him all the feelings of an attack of bronchitis, with nasty cough, expectoration, deep breathing, perspiration, etc. (after third dose, third day),[3].

Nose.—Coryza,[1].—Thick green mucus secreted in the nostrils; odor of Iodine present,[2a].—Flow of "acrid serum" from the nose,[2d].—[**30.**] Burning-tickling pain in the right nostril every time the pocket handkerchief was used; at the same time I perceived a strong odor of Iodine (second morning),[2].—A burning sensation was immediately felt in the nostrils, with

a very strong odor of Iodine; this lasted for half an hour and left a dull headache over the eyes, and at the vertex,[2b].—Burning pain in the nose,[2d]. —All the agonies of "grippe,"[4].—Excoriation of the nostrils,[2d].—Itching and soreness of the nose,[2d].—Acuteness of smell,[2d].

Face.—Face dry, hot, and of a yellowish color,[2d].—Erythematous breaking out in the upper lip, with yellowish pustules, painful, sore, and tender, quickly disappearing in dry scales,[2d].

Mouth.—Teeth felt soft to tongue, and were coated with dark fur,[2d].—[**40.**] Tongue dry and hard, furred at the root, red at the point,[2d].—Bitter taste,[2d].—Nasty taste in the mouth, and a fetid breath (first night),[3].

Throat.—Throat dry and painful to touch, feeling as if swelled,[2d].—Sore throat, in the morning,[2d].—Soreness in the throat, accompanied by a whistling noise (after third dose, second day),[3].—Throat still continued sore, but was relieved by expectoration (third day),[3].—Drawing, creeping sensation at the back of the throat,[2d].—Uvula and tonsils slightly enlarged and red,[2d].—Constant disposition to swallow saliva; throat and gullet parched; the saliva did not allay the dryness,[2a].

Stomach.—[**50.**] Anorexia, desire for acids, pickles, lemonade,[2d].—Thirsty,[2a 2d].—A sensation of heat about the pit of the stomach (after third dose), (second day),[3].—Soreness and sinking, in the epigastrium,[2d].

Rectum.—Itching in the rectum,[2d].

Stool.—Bowels constipated,[2a].

Urinary Organs.—Itching in the urethra,[2d].—Frequent micturition, especially in the morning,[2d].—Ardor urinæ,[2a].—Urine smells like raspberries,[2d].

Respiratory Organs.—[**60.**] Accumulation of dark purulent mucus in the windpipe, causing continued inclination to swallow saliva, which does not moisten it; mucus removed with difficulty, and by violent hawking, coughing, and straining,[2d].—Tickling in the larynx,[2d].—Sensation of dryness in the trachea; thick hard clots of mucus collected about the top of the windpipe, difficult to detach, and which caused tickling and irritation of the larynx, with cough (second morning),[3].—Much troubled with cough during the early part of the night, accompanied by a nasty taste in the mouth, and a fetid breath (first night),[3].—Inclination to take a deep inspiration, leaving a fluttering sensation,[2d].—Inclination to take a deep inspiration and expand the chest,[2a].

Chest.—Tightness across the chest,[2d].—Difficulty of expanding the chest on inspiration, with prostration of strength,[1].

Heart.—Boring pain, as if in the heart, with some difficulty of respiration (during the process),[2].—Sensation of heat in the region of the heart,[2d].—[**70.**] Palpitatio cordis,[2d].—Palpitation of the heart,[2a].

Back.—Weakness of the spinal column, with pain in the loins, as if bruised,[2d].—Pain and soreness under the left scapula,[2d].—Pain under the left shoulder,[2a].—Pain in the loins, as if bruised, with weakness of the spinal column,[2d].

Inferior Extremities.—Weakness of the knee-joints,[2d].—Legs ache and feel weak,[2d].—Tickling in the calves and feet,[2d].—Trembling and aching of the ankle-joints,[2d].—[**80.**] The soles of the feet ache and burn, and are sore, when standing,[2d].

Generalities.—Prostration of strength, with difficulty of expanding the chest on inspiration,[1].—Feeling debilitated, as if I had had influenza,[3]. —Felt faint and sick (first evening),[2].—Much worse on waking, in the morning, when stooping, or leaning forward, or when running, or ascend-

ing the stairs,[2d].—The symptoms were very severe during four days, but they gradually decreased after the fifth day until the fourteenth or sixteenth day,[2a].—Symptoms of a cold set in (first evening),[2].

Skin.—Pustule on the upper lip,[2a].—Erythema on the chin,[2a].—Arms covered with an itching rash, like nettle rash (after first day),[3].

Sleep.—[**90.**] Sleepy in the daytime, and restless at night,[2a].—Unrefreshed by sleep, at night; confused dreams; awakened with fright; sleep with the mouth open,[2d].

Fever.—Occasional chills,[2d].—Febrile excitement,[1].—Feverish,[2a].—Dry heat,[2d].

Conditions.—**Aggravation.**—(*Morning*), Frequent micturition; sore throat; the symptoms.—(*Ascending stairs*), The symptoms.—(*Leaning forward*), The symptoms.—(*Running*), The symptoms.—(*Stooping*), Shooting and throbbing in temples; the symptoms.

Amelioration.—(*Expectoration*), Sore throat.

SULFURICUM ACIDUM.

Sulphuric acid, H_2SO_4.

Preparation, Dilutions with water.

Authorities. (From Hahnemann, Chronische Krankheiten); **1**, Hahnemann; **2**, Fr. Hn.; **3**, Franz; **4**, Gross; **5**, Langhammer; **6**, Ng.; **7**, Jacobson, in Hufeland's Journal (XIX, 2, 164, observations on fever patients, Hughes); **8**, Kinglake, in Phys. Med. Journ. (IV, 484, of English original, observations on patients with cutaneous disease, Hughes); **9**, Desgranges, Recueil. Period, 1799 (Frank's Mag., 3), a man drank a glassful; **10**, Menminger, Hufeland's Journ. (Frank's Mag., 2), poisoning of a woman; **11**, Fleischmann, Horn's Archiv, 1817 (Frank's Mag., 2, 17), poisoning of a girl, æt. twenty-two years; **12**, Lunding, Acta. Soc. Med. Haven., 1821 (Frank's Mag., 2), poisoning of a pregnant woman; **13**, **14**, same, poisoning of two girls; **15**, London Courier (Edinb. Med. and Surg. Journ., 1824, p. 222), fatal poisoning of a child, æt. three months; **16**, Rust, Rust's Mag., 1824 (Frank's Mag., 1), poisoning of a girl; **17**, Tendering, Horn's Archiv, 1825 (Frank's Mag., 2, 12), poisoning of a girl; **18**, Dr. Puchelt, Heidelberg Ann., 1825 (Frank's Mag., 3), poisoning of a man; **19**, Kleim, same Journ., poisoning of a pregnant girl by 1 ounce; **20**, omitted; **21**, Lebidois, Archiv. Gen., 1827 (Frank's Mag., 3), poisoning of a girl, æt. twenty-two years; **22**, Dr. Martini, Rust's Mag., 1827 (Frank's Mag., 1); **23**, Robert, Bull. de la Soc. de Anat., 1828 (Tardieu), poisoning of a man, æt. twenty-two years, by ½ ounce; **24**, Carus, Deutsch Zeit., 1828 (Frank's Mag., 3, 354), poisoning of a person, æt. twenty-six years, by the concentrated solution; **25**, Hospital Report of Hôtel Dieu, Lond. Med. Gaz., vol. 1, 1828, poisoning of a woman, æt. twenty-two years, by a glassful of Sulphuric acid mixed with water; death in sixty days, in an advanced stage of consumption; **26**, J. Orr, Lond. Med. Gaz., 1828–9, vol. 3, p. 253, poisoning of a girl, æt. nineteen years, by about 2 ounces of concentrated Sulphuric acid; **27**, Hôtel Dieu, Lond. Med. Gaz., 1828–9, p. 687, poisoning of a boy, æt. nine years, who swallowed one mouthful, and as he was about to swallow a second, threw it out upon his chin, arms, and hands; **28**, same, Louis F., æt. nineteen years, swallowed a mouthful, death in twenty days; **29**, Robt. Christison, M.D., Edinb. Med. and Surg. Journ., 1829, p. 232, a man had Sulphuric acid thrown on him; death on the thir-

teenth day; **30**, Thomas Bevan, Lond. Med. Gaz., vol. 1, 1828, effects on suckling infants, whose mothers have taken from 5 to 10 drops three or four times a day, in conjunction with infusion of roses; **31**, Dr. Thorer, A. H. Z., 3, 98, a woman, æt. thirty years, ten days after confinement, took 20 drops every hour for twelve hours, on account of metrorrhagia, omitted; **32**, Lond. Med. Gaz., vol. 7, 1830–1, p. 27, poisoning of a woman, death on the fifth day; **33**, Martyn Sinclair, Edinb. Med. and Surg. Journ., 1831 (2), p. 99, a man, æt. twenty-seven years, swallowed 3 fluid ounces of concentrated Sulphuric acid, death in fifty-five hours; **34**, Hohnbaum, Hencke's Zeit., 1833 (Frank's Mag., 3); **35**, Behr, Casper's Woch., 1834 (Frank's Mag., 1), poisoning of a child, æt. two years, by nearly 2 drachms; **36**, W. Corbet, Dublin Med. Journ., vol. 8, 1835, p. 283, Anne Taylor, æt. eighteen years, took probably 1½ or 2 ounces, death on thirty-third day; **37**, Schurmayer, Heidelberg Annal., 1836 (Frank's Mag., 3), a man, æt. forty years, took a teaspoonful; **38**, Barkhausen, Med. Zeit. für Verein Preuss., 1836 (Frank's Mag., 1, p. 2), poisoning of a man; **39**, same, another case; **40**, Braun, Hencke's Zeit., 1836 (Frank's Mag., 3); **41**, Med. Zeit. Verein Preuss. 1836 (S. J., 15, 16), poisoning of a man; **42**, Dr. Lowenhardt, Med. Zeit. Verein Preuss, 1836 (Frank's Mag, 1), poisoning of a man; **43**, Evers, Rust's Mag., 1837 (Frank's Mag., 1), poisoning of a woman by 1 ounce; **44**, same, second case of a woman; **45**, same, a third case, took a spoonful; **46**, Tott, Hufeland's Journ., 1837 (S. J., 15, 282), poisoning of a woman; **47**, Chaulant, Beitrage zu Prat. Heil., 1837 (Frank's Mag., 4), a man drank some; **48**, Dr. Hilsenberg, Rust's Mag., 1837 (Frank's Mag., 1); **49**, Reder, Rust's Mag., 1838 (Frank's Mag., 1), a child; **50**, Dr. Michaelsen, Pfaff's Mittheil., 1838 (S. J., 23, 118), a woman drank some; **51**, Moller, Nord. Med. Arch. (S. J., 170, 23); **52**, Fritz, Wurt. Corr. Blatt., 1838 (Frank's Mag., 2), a man, æt. forty-five years, drank some; **53**, John Wilson, M.D., Med.-Chir. Trans., 1838, p. 274, a young woman swallowed 2 or 3 ounces strong Sulphuric acid; **54**, same, a woman swallowed a part of two pennyworth of oil of vitriol, death in forty-five weeks; **55**, Tardieu, a man took 80 grams, and died in twenty hours by perforation; **56**, Alfred S. Taylor, Guy's Hosp. Rep., 1839, p. 297, a man, æt. forty years, took a wineglassful; **57**, Geisler, Rust's Mag., 1839 (Frank's Mag., 1); **58**, Luther, Hufeland's Journ. (Frank's Mag., 2); **59**, Dr. Pachur, Med. Zeit. Verein Preuss, 1841 (S. J., 32, 152), a man drank some; **60**, Dr. Bergmann, Hanover Annals., 1841 (Frank's Mag., 1); **61**, Dr. Claudi, Œst. Wochenschrift, 1841 (Frank's Mag., 1), a girl, æt. twenty-one years; **62**, J. Scoffem, M.D., Lond. Med. Gaz., vol. 30, p. 352, a girl swallowed a quantity, death on the second day; **63**, Thierfelder, Summarium, 1842 (S. J., 35, 31), a woman, æt. twenty-eight years, took ½ ounce; **64**, Kerster, Rust's Mag., 1843 (Frank's Mag., 1); **65**, same, another case; **66**, omitted; **67**, Pharm. Journ., vol. 5, 1846, p. 189, extract from Hampshire Journ., an infant took 2 or 3 drops; **68**, Bouvier, Bull. Royal Acad., 1847 (Frank's Mag., 4), a girl swallowed 2 spoonfuls; **69**, David Craige, M.D., Edinb. Med. and Surg. Journ., 1849 (1), 407, a man, æt. forty-nine years, swallowed 2 ounces of specific gravity 1840, death in less than four hours; **70**, Œst. Med. Woch. (A. H. Z., 21, 379), a girl, æt. twenty-one years, took 2 spoonfuls, recovery; **71**, H. Letheby, M.D., Med. Times, N. S., vol. 1, 1850, p. 58, James Ross, æt. six years, drank about a tablespoonful; **72**, same, oil of vitriol of the density of 1316, and containing 42 per cent. of free Sulphuric acid, was thrown on two men; **73**, John Walker, Month. Journ. Med. Sci., vol. 10, 1850, p. 538, a man, æt. thirty years, swallowed 15½

drachms; **74**, Wibmer, Zeller. Würt. Corr. Blatt., Hirschell's Archiv, vol. 2, p. 44, effects on workers; **75**, Dr. Trier, Hosp. Med., vol. 5, pr. 1, 1852 (S. J., 76, 309); **76**, Benzi, Gaz. Sarda., 1855 (S. J., 88, 175), a man swallowed 10 to 15 grams; **77**, Sebregondi, Preus Verein Zeit., 1855 (S. J., 88, 300), a boy drank a swallow; **78**, Cless, Wurt. Corr. Blatt., 1856 (S. J., 93, 295), a girl, æt. twenty-six years, took an indefinite amount; **79**, Dr. Schüz, Wurt. Corr. Blatt., 1856 (S. J., 91, 302), a boy, æt. two and a half years, took an indefinite amount of the fuming acid; **80**, Dr. Schüz, Med. Corr. Blatt., 1856, case of a child, æt. three years; **81**, M. Laboulbène, Lond. Med. Gaz., vol. 5, p. 77, a man, æt. fifty-nine years, swallowed some mouthfuls of Sulphuric acid of 66 degrees strength; milk administered at once brought on vomiting; treatment, milk with lime, water, and magnesia; **82**, Thirion, Journ. de Chim., 1857, No. 6; **83**, Dr. Jenner, Med. Times and Gaz., 1857 (2), ; **84**, Pellischek, Œst. Zeit. für Prakt. Heil., 1858 (S. J., 99, 290); **85**, Dr. Winn, Lancet (Pharm. Journ., vol. 17, 1858, p. 385), a child, æt. four years, took a quantity, recovery; **86**, Howitz, Hosp. Tidende (S. J., 111, 306); **87**, same, another case; **88**, Guy's Hosp. Rep., 1859, p. 134, a man, æt. fifty-six years, swallowed about a dessertspoonful; **89**, same, a woman, æt. fifty-five years, drank about 3 ounces of the strength of 1 of acid to 4 of water, death in eleven days; **90**, same, a man, æt. fifty-six years, took about a tablespoonful into his mouth and spat it out; **91**, Times (Pharm. Journ., vol. 18, 1859, p. 485), of six men engaged in baling out a chamber used for condensing the gas, two were unaffected, though longer at work than the others; one slightly affected; one died the second morning; **92**, Ogle, Trans. Path. Soc., vol. 11, p. 294 (Syden. Yearbook, 1860, p. 437); **93**, Attomyr, New Archives, vol. 1, part 1, p. 178, effects of internal use; **94**, Reil, Z. für H. K. 2, p. 35, a man took ½ lb. of raw Sulphuric acid; **95**, D. R. Haldame, M.D., Edinb. Month. Journ., vol. 7, 1862, p. 739, a man swallowed an unknown quantity, death; **96**, Leyden and Munk, Virchow, vol. 22, p. 237 (Syden. Yearbook, 1862, 427), two fatal cases of poisoning; **97**, Bamberger, A. H. Z., M. B., 6, 40, a girl, æt. twenty-five years, took a spoonful; **98**, Dr. Smoller, A. H. Z., M. B., 8, 9, a woman, æt. twenty-nine years, took rather small quantities; **99**, same, a man took some; **100**, same, case of a girl, æt. twenty years; **101**, Geissler, S. J., 100, 294, a boy drank ½ ounce; **102**, Drs. Frerichs and Mannkopf, A. H. Z., M. B., 6, 40, a girl, æt. sixteen years, was poisoned by the diluted acid and recovered; **103**, same, another girl, æt. sixteen years; **104**, same, a girl, æt. twenty-four years, took an indefinite quantity; **105**, same, another case, took the concentrated acid; **106**, same, a girl took 1½ ounces; **107**, Edmund Higinbotham, Med. Times and Gaz., 1863 (1), p. 183, a man swallowed 3 ounces of spirit of vitriol, death in two hours and a half; **108**, Joseph M. Drake, M.D., Canada Med. Journ., vol. 4, 1867, G. W. took about a glass of oil of vitriol; **109**, Dr. Wardell, Brit. Med. Journ., 1869 (2), p. 325, a woman swallowed 2½ ounces Sulphuric acid, mixed with an equal quantity of water, death in three hours; **110**, Dr. Fripp, Lancet, 1869 (1), p. 192, a man, æt. forty years, swallowed a large mouthful of the concentrated Sulphuric acid, recovery; **111**, Malmsten, Svenska läk sälloh, förh, 1870, Nord. Med. Ark., 3, 1871 (S. J., 155, 19); **112**, Thomas Bryant, Lancet, 1872 (2), p. 816, a woman, æt. thirty-one years, swallowed a quantity; **113**, Dr. Burder, Med. Times and Gaz., 1873 (2), p. 92, a man, æt. thirty-four years, swallowed 2 ounces of strong Sulphuric acid, death; **114**, Dr. Græffner, 1877, effects of crude acid; **115**, same, another case of swallowing the acid.

Mind.—Delirious shortly before death,[94].—For two nights, delirious and recognized no one,[54].—Uneasiness (after twelve hours),[1].—Nervous excitement,[43].—He was roused with difficulty, and when roused, resisted fiercely, saying in a hoarse muffled voice, "Let me alone, let me die,"[107].—Excessively jocose,[1].—Exaltation of mind and disposition,[1].—Great distraction of mind; she often gave inappropriate answers,[6].—Hasty mood; nothing that she does can be finished quickly enough, though she makes unusual effort,[1].—[**10.**] Constant moaning,[78].—Moaning very deeply (after half an hour),[73].—Lachrymose without cause (first day),[6].—Very sad irritable mood,[1].—Melancholy and weary of life,[1].—Dull gloomy mood, in the morning,[3].—Despondent morose mood,[5].—Most excessive anxiety, and burning pain and heat in the stomach,[58].—Great anxiety,[17 44].—Great anxiety, with restless tossing about,[38].—[**20.**] Extreme anxiety and nausea, followed by vomiting of mucus (immediately),[28].—Anxious, quarrelsome, averse to answering,[6].—Diminution of the anxious oppressed mood and of the despondency, alternating with exaltation, and therefore (as curative action) a quiet refreshed condition,[3].—Great apprehension, from morning till evening (thirteenth day),[6].—Apprehensive and grieving, with inclination to weep (second day),[6].—Depressed,[88].—Was in a state of great fright,[110].—Very fearful, despondent, fretful,[1].—Very fearful; extremely mistrustful,[1].—**Ill-humor, fretfulness*,[1].—[**30.**] Ill-humor all day; she avoids speaking to every one,[1].—Extremely peevish, in the morning on waking,[1].—Very peevish, even during the day,[1].—It frets her to talk,[6].—Aversion to talking,[21].—**Fretful, peevish, impatient, if his work is not done to suit*,[6].—Sedate, earnest condition of mind,[1].—So irritable and sick that she started violently at everything,[1].—Unconsciousness,[40 113 114].—Paroxysms of stupefaction,[79].—[**40.**] (Stupor),[7].†—Inclination to coma,[82].

Head.—Vertigo. Vertigo,[24].—Vertigo, in the afternoon, while sewing, as if she would fall from the chair,[1].—Vertigo, while sitting; things turn about in a circle, soon,[6].—Vertigo, even to reeling; was obliged to lie down constantly, for as soon as she rose the vertigo reappeared,[1].—Vertigo in the house, which disappears in the open air,[6].—***General Head.*** Dull pain in the head, as if full,[6].—Pressive dulness in the head,[1].—Dulness and heaviness of the head, in the morning,[6].—[**50.**] Sensation of heaviness and fulness in the head; she was obliged to hold it forward,[6].—Heaviness and pain in the head, as if the brain fell forward and came up again,[1].—Weakness in the head,[2].—Headache,[24 74].—Pain as if the head would burst,[1].—Pain as if the head were shattered, in the morning after waking, and yet great sleepiness,[6].—Drawing headache, in the evening,[1].—Drawing headache, especially in the right side, towards the forehead,[6].—Drawing and tension in the head,[1].—Tearing in the whole head, day and night,[6].—[**60.**] Stitches here and there in the head, when walking in the open air,[6].—Dull stitch deep in the brain, above the left frontal eminence, suddenly increasing, then diminishing, and at last suddenly disappearing,[4].—***Forehead.*** Dulness and fulness in the forehead, the whole forenoon,[6].—Pain, as from a blow, near the left frontal eminence, first increasing, then suddenly disappearing,[4].—A feeling in the frontal region as if the brain were loose and fell back and forth,[6].—Painful sensation of soreness above the left frontal eminence, which is always more acute in isolated jerks,[4].—Constriction in the forehead, at first increasing, then suddenly disappearing,[4].—Pressure, as from a blow, in the right side of the forehead, first increasing,

† Revised by Hughes.

then suddenly disappearing,[4].—Frequent pressive and burning headache in the forehead and eyes,[1].—Tearing and sticking in the right side of the forehead, relieved by pressure, in the evening,[6].—[**70.**] Sudden painful jerking above the left frontal eminence,[4].—A violent jerk from time to time beneath the left frontal eminence, suddenly disappearing,[4].—Painful tearing in the middle of the forehead, towards the left side,[6].—Acute pain beneath the right frontal eminence, as if the brain were loose and knocked against the skull, painful on shaking the head,[4].—Sticking pain, now in the forehead, now in the occiput,[1].—Dull stitches in the forehead, now in the right, now in the left side, extending deep into the brain,[4]. —Stitches, sudden, dull, and very sensitive, like thrusts, above the left frontal eminence, extending into the brain,[4].—***Temples.*** Grumbling from time to time in the temporal bones,[4].—Pressing inward in both temples,[4].—Drawing in the left temple, rather external and in a small spot,[6].—[**80.**] Thrust in the right temple, as if a plug were sticking in and constantly pressed deeper,[4].—Single shooting-thrusting jerks in the right temple,[4].—A burning pain in the temples, as from a thrust or bruise, in wavelike intermissions,[4].—A painful tearing in the left temple, while sitting during breakfast,[6].—Tearing in the right temple, towards evening,[6].—***Vertex and Parietals.*** Pressive pain in the vertex, while standing,[6].—Sudden confusion in the right side of the head, as from smoke, while sitting,[6].—Sensation of heaviness in the left side of the head,[6].—Sensation as if the left side of the head, before the ear, were screwed in,[6].—Stupefying throbbing pain in the right side of the head, on rising after stooping,[6].—***Occiput.*** [**90.**] Compressive pain in the sides of the occiput, relieved by even holding the hands towards the head without touching it,[6].—Pressure and sticking in the left side of the occiput,[6].—***External Head.*** The hair becomes gray and falls out,[1].—Much eruption on the head, face, and nape of the neck,[1].—Small pimples on the forehead and side of the nose,[6].—*External pain over the whole head, as from suppuration, also painful to touch,*[1].—Violent itching on the head,[6].—Violent itching on the scalp,[1].

Eye.—Objective. Redness of the eyes, and constant lachrymation and photophobia,[1].—Eyes and face ghastly,[36].—[**100.**] Eyes protruding,[39]. —The eyes fixed, and with the pupils slightly contracted, but not very sensible to light (in two hours),[69].—Eyes sparkling,[11].—Eyes lustreless and watery,[72].—They immediately felt a severe burning sensation, especially in the eyes. On admission into the hospital, their eyes were much inflamed, the lids were swollen, and the right eye of the father looked dull and opaque. On the fourth day the conjunctiva of the right eye of the father acquired a jellylike consistence, and on the eighth day the cornea, which all along had been opaque, sloughed away, giving exit to the lens and a portion of the vitreous humor. For more than a week this eye continued inflamed, and it discharged large quantities of purulent matter. At the present time the eye is still suppurating and gradually wasting away,[72].—Eyes sunken and expressive of suffering (sixteenth day),[83].—***Subjective.*** **Sensation of a foreign body in the right outer canthus, in the morning when walking,* disappearing in the house,[6].—Burning and lachrymation of the eyes, while reading in the commencing twilight,[4].—Frequent violent burning in the eyes (sixth day),[6].—Biting burning and lachrymation in the left eye, while reading during the day,[4].—[**110.**] Frequent biting in the right eye (first day),[6].—***Orbit.*** Tearing on the margin of the right orbit, extending toward the temples, as if under the skin,[6].—Pain as from a plug thrust in just above the left orbit, at first increasing, then suddenly disappearing,[4].—A dull thrust, from within outward, just above the margin of

the right eyelid on every paroxysm of cough,[4].—***Lids.*** Eyes agglutinated, in the morning,[1].—Twitching in the right inner canthus,[6].—The eyelids sink down and he cannot open them,[1].—Pressure in the outer canthus,[1].—Sticking itching on the lower lid; he is obliged to rub it,[4].—***Lachrymation.*** *Lachrymation,*[6].—***Ball.*** [120.] Burning pressure in the anterior portion of the left eyeball, in the open air; in the house the pain ceased, and there was pain only on looking intently, so that she was obliged to abstain from using the eyes,[2].—***Pupil.*** Eyes mostly closed, but pupils were small and piercing,[109].—Pupils greatly dilated, with lustreless eyes,[28].—Pupils contracted and not obedient to the stimulus of light,[56].—***Vision.*** Photophobia (fourth week),[104].—Dimness of vision, in the morning,[1].—Twitching sensation before the vision, with weakness,[1].

Ears.—Violent tickling in the concha,[6].—Tearing in front of the left ear and up into the temple,[6].—Tearing deep in the left ear, followed by crawling in it,[6].—[130.] Jerking in the right ear, preceded by the exit of agreeable warmth,[6].—Tearing and sticking in the right ear, rather external,[1].—Drawing from within outward in the right meatus,[4].—***Hearing.*** Diminished hearing, as if a leaf were laid before the ear,[6].—Clear sounds of bells in the right ear,[5].—Rhythmical roaring in the ears,[1].—Roaring in the left ear on opening the mouth, as from a waterfall, during dinner,[6].—Roaring in the ears, in the evening,[1].—Roaring in the ears (fourth week),[104].—Great roaring in the ears, lasting four hours,[1].

Nose.—[140.] Violent coryza, with sore eyes,[1].—Coryza, with loss of smell (fourth and fifth days),[6].—Fluent coryza (fourth day),[6].—Much water runs from the nose, with stoppage of one nostril,[6].—Obstinate dry coryza,[1].—Violent dry catarrh; at times he could get no air through one or the other nostril,[4].—Bleeding of the nose, in the evening, while sitting and standing,[5].—Dark-brown froth issuing from nostrils,[107].—Ineffectual inclination to sneeze,[6].—Fine stinging prickling in the right side of the nose, so that he was obliged to rub it,[4].—[150.] A vapor mounted through the nose, followed by incessant sneezing twenty times, and then stoppage of the nose,[6].

Face.—Incessant convulsions of the facial muscles; eyes sunken; clonic spasms of the upper extremities and dorsal muscles,[76].—Convulsions of the muscles of the face and of the lips,[9].—Face distorted, livid,[78].—Features distorted,[19].—Look unsteady,[78].—Expression of prostration and collapse (after two hours),[83].—Face hippocratic; features drawn and deathly pale,[43].—Face sunken (after four weeks),[104].—Face sunken, expressive of great anxiety; the patient frequently sprang from bed, and died in collapse, with an extremely offensive odor from the mouth and involuntary discharges,[65].—[160.] Countenance expressive of great pain; look fixed; eyes sunken; pupils contracted; pupils pinched,[55].—Gangrenous look,[16].—Countenance greatly altered,[34].—Face puffy, frequently changing color; the lips swollen, sore,[24].—**Face pale,*[52].—Face very pale, with movement in the stomach (fourth day),[6].—Deathly pale,[19].—Countenance pale, dingy, and deathlike (in two hours),[69].—Face pale, puffy,[61 70].—Countenance pale and expressive of great anxiety,[56].—[170.] Face pale, distorted, expressive of the greatest pain,[94].—Countenance pale and sunken,[109].—Face pale, restless, drawn,[71].—Face red,[58].—Face red and puffy,[11].—Their faces were covered with numerous red spots, which, in the course of a few hours, scabbed over and became brown,[72].—The face became dark blue, the eyes protruded, with danger of suffocation,[41].—Face cyanotic,[106].—Face blue, as from threatening suffocation,[24].—Face dark blue,[39].—[180.] Jerking several times in the face, about the left ear, also on moving the head; afterwards, also, during

rest,[6].—Tearing in the left facial bones, then in the right side of the head,[6]. —Some violent tearings, so that she started up, in front of the left ear, extending into the cheek, where it became a crawling,[6].—***Cheek.*** Swelling of the left cheek,[6].—Cheeks livid (sixteenth day),[63].—Redness and sensation of heat in the right cheek,[1].—Bruised pain in the left malar bone, at first increasing, then suddenly disappearing,[4].—Pinching in the skin of the cheek, beneath the right eye, first increasing, then disappearing,[4].—A violent stitch frequently extending upward in the right cheek,[6].—Sensation as if the cheeks were puffy, and as if albumen had dried upon the skin,[6].—[**190.**] A cooling burning in the left cheek,[4].—***Lips.*** Great swelling of the lower lip and tongue, the margins of which were black; the mucous membrane of the whole mouth swollen, with burning in the mouth, pharynx, and stomach,[76].—Dark-grayish sloughs were observed across the upper lip, descending down the angles of the mouth; similar, but slighter, marks were on the forepart of the neck, chest, and on the right arm,[36].—Corners of mouth sore, as if the seat of superficial ulceration; surface white (after half an hour),[83].—Lips swollen, red, painful to touch,[104].—The skin on the upper and lower lip was scorched by the acid, and was of a reddish-brown color,[110].—The mucous membrane of the lips was thickened and white,[108].—The lips were white and shrivelled and had small blisters on their inner surface, and there were also similar appearances on the mouth and tongue,[15]. —Lips and tongue blanched,[23].—Lips violet,[55].—[**200.**] Lips smooth, dry, brownish,[103].—Epithelium of the lips, mouth, and fauces white,[102].—Lips white,[113].—The lips became cracked and scaly,[1].—Lips, tongue, and mouth swollen, and covered with white aphthous spots, exuding offensive bloody ichor,[44].—Peeling of the inner surface of the lips without pain,[6].—***Chin.*** Chin and lips excoriated,[71].—Trismus,[17].—Tearing here and there in the lower jaw,[6].

Mouth.—Teeth. The teeth presented a yellow and black fur, like the sordes of fever,[90].—[**210.**] The teeth were of a chalky-dead whiteness, and had completely lost their polish,[108].—Subsequently, all the teeth broke off and fell out in pieces,[19].—*Teeth on edge* at various times,[6].—*Teeth on edge* the whole afternoon (after four hours),[1].—Toothache, aggravated by cold, relieved by warmth, preventing sleep all night,[6].—Toothache in the left lower row, in the evening after lying down,[6].—Gnawing toothache in the right lower row, in the evening, worse after lying down till 2 A.M.,[6].—Gnawing pain in the back tooth and in the incisor, only when biting on something hard,[6].—Digging pain in a hollow back tooth during and after chewing something hard,[1].—Pain pressing inward in the right upper incisor,[6].—[**220.**] Frequent painful tearing in the teeth of the left side,[6].—Tearing in the left lower teeth, in the bed, in the evening till midnight,[6].—Tearing in the left eye-tooth and in the lower jaw, all night, during the menses,[6].—***Gum.*** Swelling of the gum of the right lower jaw; when pressed, pus exudes,[6].—Ulcerated gum,[1].—Gum and inner surface of the lips grayish white, thick, wrinkled,[78].—The gum has a furzy feeling; bleeds on the slightest touch,[3].—***Tongue.*** Tongue horribly swollen,[19].—Tongue swollen, covered with wrinkled white skin,[42].—Tongue and throat horribly swollen; swallowing impossible,[41].—[**230.**] Tongue, cheeks, and mouth swollen,[36].—The mucous membrane of the tongue and mouth was corrugated, thickened, and milky white,[108].—Tongue thick, white, denuded of mucous membrane,[70].—Phlyctenæ on the back of the tongue and the palatine arch (second day),[81].—Tongue covered with crusts of a grayish-white color; the tip and edges red,[24].—Tongue denuded at the tip and intensely

red; parts of it covered with a thick white coating,[102].—The tongue became eroded, white, and dry (second day),[106].—Mucous membrane of the tongue, mouth, and fauces of a pearly-white color, and covered with a white viscid secretion,[71].—Tongue presented a dead-white appearance,[107].—Tongue and inside of mouth white (second day); the pellicles covering the mouth have dropped, the mucous membrane beneath being bright red and very sensitive (fourth day),[28].—[**240.**] Tongue redder than natural, often bluish red, and with a peculiar shining surface,[74].—The tongue has cast off its cuticle, and is quite red with prominent papillæ (fourth day),[36].—Dark tongue,[85].—Tongue shrivelled, small,[34].—[Tongue dry],[7].†—Tongue insensible; very dry in the centre (after six hours),[94].—***General Mouth.*** **Breath very offensive*,[84].—Frothing at the mouth, with constant retching,[19].—Black frothy matter issuing from mouth,[62].—A discharge of stringy copper-colored mucus and froth was issuing from the dependent corner of the mouth,[107].—[**250.**] The mouth was filled with a frothy, viscid, tenacious fluid, which he ejected in considerable quantities, with almost constant and distressing retching, caused by the fluid irritating the fauces. The fluid ejected was of a reddish-brown color, containing shreds of mucous membrane, and seemed to be a mixture of mucus and saliva; its reaction on test-paper neutral,[90].—Copious secretion of liquid in the mouth,[102].—Much brownish mucus in the mouth,[104].—Mucus frequently comes into the mouth, which causes choking, hacking; is obliged to swallow it constantly,[4].—Swelling of the whole mouth and fauces,[16].—Mucous membrane of the mouth swollen, covered with brown bloody liquid, which was constantly expectorated,[106].—All the soft portions of the mouth and fauces were frightfully swollen and inflamed, the corners of the mouth burnt, with burning heat in the pharynx and œsophagus,[59].—**Mucous membrane of the palate and pharynx swollen and injected, with several ulcerations*,[103].—Whitish-gray swelling in the mouth and fauces,[87].—Whole mouth, fauces, and pharynx inflamed,[43].—[**260.**] The inside of the lips, tongue, and fauces were swollen, having the appearance of being smeared with thin arrowroot (after half an hour),[73].—On examination of the body, the mouth, lips, and part of the chin were found to be charred and desiccated,[92].—Mouth and fauces shrivelled and dry,[34].—Large superficial ulcerations in the mucous membrane of the mouth, with discharge of bloody liquid,[102].—**Aphthæ in the mouth*,[7].—Vesicles on the inner surface of the left cheek,[6].—Mouth, tongue, and throat white, denuded of mucous membrane,[37].—Mucous membrane of the mouth, throat, and wherever the acid touched, was discolored,[94].—All the parts touched by the acid, from the mouth as far as could be seen, became covered with crusts and exuded an offensive ichor; the parts finally became aphthous and gangrenous,[9].—The acid had caused large white patches in the mouth and throat; the whole internal portions of the mouth and tongue were white, with a large quantity of tenacious glairy mucus,[114].—[**270.**] All the soft parts of the mouth and fauces covered with a thick fuzzy membrane,[48].—The mouth, tongue, lips, fauces, and pharynx, as far as could be seen, had a whitened and sodden appearance,[116].—Mucous membrane of mouth, lips, and throat pearly white,[109].—Mucous membrane of mouth white and ragged,[107].—Lining membrane of mouth had a white bleached appearance,[95].—The mouth, lips, tongue, and fauces were white and slightly excoriated (in two hours),[69].—The whole mouth and pharynx covered with a thick white coating; swallowing difficult; voice without sound,[104].—Mucous membrane of mouth and fauces was covered with a

† Bracket.—HUGHES.

whitish fur, which was already peeling off in parts, leaving a raw reddish-brown surface; this was especially the case on the dorsum of the tongue and the end of the uvula,[90].—The inside of the mouth, as well as the surface of the tongue, was dry, white, and corrugated, as far as the lower lip, where there was a distinct line of demarcation,[56].—Mouth of a brown color,[88].—[**280.**] On the second day, the mouth and fauces were covered with fungoid blackish-red masses,[43].—Inside of mouth of an ashy-gray color,[27].—Frightful pains in the mouth and stomach,[51].—Transient dryness of the mouth,[1].—Disagreeable sensation of dryness in the mouth, for two days,[1].—Complained of great pain and of a burning heat in his mouth and throat,[71].—Sore pain in both corners of the mouth,[6].—Pressure, as with a finger, just above the left corner of the mouth,[6].—Burning sensation in mouth, fauces, and gullet,[110].—Burning pains in the mouth and throat,[115].—[**290.**] Burning heat of the mouth, pharynx, and œsophagus,[32].—Burning pain in the mouth, along the œsophagus to the stomach,[47].—Excessive burning pain in the mouth, pharynx, and pit of the stomach,[41].—Violent burning in the mouth and œsophagus to the stomach,[102].—Sharp burning heat in the mouth, pharynx, and stomach,[84].—Violent burning pain in mouth and throat; he spoke with difficulty and with pain,[90].—Intolerable burning in the mouth and throat,[10].—Violent burning pains in the mouth, pharynx, and pit of the stomach,[29].—***Saliva.*** Salivation,[22]; (second day),[36].—Profuse salivation,[76 101].—[**300.**] Excessive flow of tasteless saliva,[6].—Frequent collection of watery saliva in the mouth,[1].—Collection of saliva in the mouth, as from hunger, lasting several hours,[5].—Collection of much saliva of a saltish taste in the mouth, even in the morning,[6].—Collection of saliva, with acceleration of the pulse,[8].—***Taste.*** Bad taste in the mouth, in the morning after waking (fifth day),[6].—The mouth is insipid and pasty, in the morning in bed, which disappears after rising,[6].—Very bad offensive taste in the mouth,[1].—Bread has a bitter taste, like bile, and causes great pressure in the stomach,[1].—Loss of taste,[74].—***Speech.*** [**310.**] Could only speak in a whisper, and was scarcely able to open the mouth, from which exuded a ropy mucus (after ten hours),[53].—She could speak or swallow only with the greatest difficulty,[63].—Speech short, abrupt, hoarse, with at times hoarse hacking cough,[34].—He could not articulate distinctly, but was quite sensible to what was going on about him,[108].—Speech very difficult,[22].—Speech scarcely intelligible,[43].—Inability to talk or move,[40].—Speechlessness,[17 47 52].

Throat.—**The throat is swollen, as if there was a lump in it*,[1].—Constant hawking of tenacious masses of mucous membrane,[65].—[**320.**] Constant hawking, retching, and vomiting of bloody, reddish-brown mucus, which was so acid that it burnt holes in the linen,[94].—Frequent, but slight hawking or cough (second day),[36].—Tough mucus, in throat,[109].—Throat near the cricoid is swelled and painful (twenty-fourth day); tumor of neck very painful (twenty-seventh and following days),[36].—Redness and painful sensitiveness in the throat, continued for a long time,[9].—Intense constriction, in the throat,[82].—**Throat sensitive*,[16].—Pain along the throat and in the chest, as far down as the stomach, aggravated by swallowing, talking, or even by turning the body,[21].—Most frightful pain was felt in the throat and along the œsophagus, and especially in the epigastric region,[94].—Violent pain in the throat and stomach,[114].—[**330.**] Burning pain in the throat and stomach,[52].—Burning in the throat and stomach,[19].—Burning in the throat along the œsophagus to the stomach, with icy coldness of the rest of the body,[9].—Violent burning in the throat and along the upper part

of the œsophagus,[102].—Contractive sensation in the throat, especially in the right side, when swallowing and when not,[6].—**Sore throat on swallowing, in the evening, worse on the left side,*[6].—**Rawness in the throat,* after almost every new dose,[6].—Scraping and rawness, in the throat,[6].—Scraping in the throat,[1].—Feeling as of mucus in the throat, which neither comes up nor goes down, and does not provoke hawking,[6].—[**340.**] Sticking in the left side of the throat on swallowing; also in the evening, with pain externally on touch,[6].—Acidity in the throat,[1].—***Uvula and Fauces.*** **Uvula and root of the palate œdematous,*[86].—Pain in the fauces and œsophagus,[86].—Violent pain in the fauces and ears,[87].—***Pharynx and Œsophagus.*** Pharynx very dark red,[21].—Powerful constriction of the pharynx (after one hour and a half),[28].—Great tenderness from the pharynx down to the epigastrium (after ten hours),[53].—Burning in pharynx (immediately),[28].—Violent burning pain in the pharynx and upper part of the œsophagus,[103].—[**350.**] After seven days the whole mucous membrane of the œsophagus became exfoliated in the form of a tube several lines thick, and about a foot long (the transition from the œsophagus to the stomach could be distinctly seen), the cast was exceedingly offensive. After this the patient seemed to improve; complained of excessive hunger. On the twenty-first day there was vomiting of blood and mucus, and he again took to his bed; about a month after the poisoning he complained again on swallowing, of a pain which he described like a cutting, in the side of the throat,[75].—Stricture of the œsophagus, with frequent painful vomiting,[87].—Stricture of the œsophagus was consequent upon the poisoning, and was so great that the patient could with difficulty swallow water,[86].—Stricture of the œsophagus,[19 37].—Closure of the œsophagus,[60].—Œsophagus very sensitive to pressure,[86].—Pain extending from the œsophagus to the umbilical and epigastric regions,[38].—Excessive pains in the œsophagus and stomach,[42].—Great pain in the line of the œsophagus,[56].—Burning heat, extending from the œsophagus to the stomach,[82].—[**360.**] Excessive burning, extending along the œsophagus to the stomach,[24].—***Swallowing.*** He could swallow fluid in small quantities, but with great difficulty, causing great pain and a convulsive cough, and sometimes the fluid returned through the mouth and nares,[90].—Difficulty in swallowing, and on examination, a large circumscribed swelling, commencing opposite the cricoid cartilage, and extending down the course of the trachea two inches, was found moving on deglutition (in two weeks),[112].—She vainly endeavored to swallow,[36].—Inability to swallow,[38].—Swallowing difficult; it seems as though there were an obstruction at the pit of the throat,[56].—Some difficulty in swallowing (second day),[53].—**Great difficulty in swallowing,*[106].—Violent dysphagia,[46].—Complete dysphagia,[14 78 79].—[**370.**] Spasmodic dysphagia,[17].—Great pain in attempting to swallow, and an extreme sensation of heat and dryness, and constriction in the throat,[56].—***External Throat.*** After four days there came on swelling of the parotids, with salivation, lasting eight days, and constipation,[77].—Very circumscribed and painful swelling of the left parotid, with suppuration, the pus being evacuated by incision (sixth week),[105].—**Swelling and inflammation of the submaxillary glands,* at times with stitches in them,[1].—**Pain in the submaxillary gland, as far as into the tongue; the tongue feels burnt,*[1].

Stomach.—Appetite and Thirst. Great appetite and good taste to food; but qualmishness after eating, so that he is obliged to stop eating before he is satisfied,[4].—Distressing hunger; but the patient was unable to

retain the smallest quantity of nourishment,[104].—Increased hunger and appetite (first day),[6].—She is hungry, but as soon as anything is taken into the mouth it nauseates her,[6].—[**380.**] She is hungry, and yet eats without appetite, with discomfort in the stomach after eating, for several days,[6].—Desire for fresh plums,[6].—Loss of appetite,[74].—Loss of appetite and discomfort; food has a natural taste, yet is disagreeable,[4].—Aversion to eating, which disappears towards evening,[6].—Thirst,[109].—Thirst, after vomiting,[6].—Constant terrible thirst,[23].—Thirst and dry tongue during the menses,[6].—Excessive thirst,[10 24 55], etc.—[**390.**] Excessive thirst, with inability to drink,[24].—Burning thirst,[68 103].—***Eructations.*** Frequent eructations,[24].—Eructations at first empty, then bitter, slimy, in the morning after coughing,[1].—Bitter eructations, frequently after dinner,[6].—Bitter eructations,[6].—Eructations like onions,[1].—Frequent long-lasting, empty eructations (soon),[6].—Uprisings of water, frequently disappearing after dinner,[6].—Rising of water from the stomach,[6].—[**400.**] Uprisings of salt-water in the mouth before vomiting,[6].—Sweetish gulping up of water,[6].—**Sour eructations*,[1].—Sour eructations, even when walking in the open air,[6].—Sour bitter uprisings (fourth day),[1].—Regurgitation of food,[106].—Food rises up again, after coughing,[1].—***Hiccough.*** **Hiccough*,[39 84].—Hiccough, at night,[6].—Constant hiccough,[7].†—[**410.**] Hiccough, while smoking, as usual,[5].—**Violent hiccough*,[95].—Violent hiccough and vomiting, especially after drinking,[42].—***Nausea and Vomiting.*** Nausea,[24].—Nausea and effort to vomit from the slightest liquid,[21].—Nausea, with chilliness,[1].—Excessive nausea; everything turns around in the stomach, rises up and will come up; is obliged to swallow it down again,[6].—Nausea and collection of saliva in the mouth, with constrictive pain in the stomach and abdomen frequently (eighth day),[6].—Nausea in the mouth towards noon, although food and drink are relished,[2].—Qualmish nausea, without aversion to anything, disappearing on eructating, soon,[6].—[**420.**] Qualmishness, and a feeling as if the stomach were disordered,[6].—Obliged to make great effort to avoid vomiting,[1].—Qualmish nausea in the stomach, with a feeling of mucus in the throat,[6].—Frequent retching,[37].—Retching and vomiting,[94 97].—Constant retching; he threw up a glairy fluid, mixed with numerous small shreds of coagulated membrane,[71].—Frequent retching and vomiting of small quantities of dark coffeelike liquid,[73].—Retching and vomiting almost incessant,[33].—Violent retching and vomiting, especially of blood,[47].—Constant retching and vomiting of bloody mucus, with black fibres,[45].—[**430.**] Retching and vomiting of blood,[22].—Vomiting,[80 82].—Vomiting and purging,[50].—Repeated vomiting,[22]; (second day),[81].—Violent vomiting,[9 112].—Violent vomiting, for two or three minutes,[76].—Vomiting and acid eructations (second week),[105].—Violent vomiting, with pains in the epigastrium, etc.,[77].—Violent vomiting, causing the greatest distress; vomiting of blood,[24].—Vomiting always recurred after eating (after three weeks),[18].—[**440.**] A greater part of the mixture was rejected by vomiting almost immediately; the vomiting continued,[25].—Water being offered, with a quantity of carbonate of magnesia, it was evident he had the greatest difficulty in swallowing, though he took it eagerly; and no sooner were a few mouthfuls taken than they were immediately rejected by vomiting,[108].—Vomiting of all food, and at times of some blood, long after the poisoning,[13].—Very obstinate vomiting, usually a few hours after eating; the patient could retain no food, and rapidly became emaciated,[51].—Constant vomit-

† Repeatedly occurring after clysters containing the acid.—HUGHES.

ing, with burning pain along the throat and stomach; at last vomiting of blood,[37].—Vomited many times, the vomited matter effervescing on coming in contact with the dust,[110].—Vomiting preceding shivering fit, and followed by ineffective retching,[54].—Every fluid ejected as soon as taken; frequently vomited a fluid of the consistence of treacle, and color of the carbonate of iron (after ten hours),[53].—Vomited; the vomited matter was about the color of porter, and of strongly acid reaction (after half an hour),[83].—Expelled an elongated false membrane, which was evidently made up of fragments of the mucous membrane of the œsophagus (sixteenth day); after a fit of suffocation, he expelled a blackish mass, formed from a large portion of the mucous membrane of the stomach (seventeenth day); afterwards he was able to swallow carefully masticated food,[81].—[**450.**] Vomiting of casts of the œsophagus,[87].—Vomiting of all liquid, at last bloody vomiting (second day),[105].—Vomiting of serous liquid, with white flakes, at night,[70].—Convulsive vomiting of blood,[19].—Vomiting of blood,[111].—The second day the vomiting continued, mixed with blood and mucus,[86].—Vomiting streaked with blood, with pieces of membrane (third day),[73].—About 3 P.M., great pain and anxiety came on, and she vomited matter mixed with blood; shortly afterwards a wide membranous tube, from four to five inches long, was ejected; a portion of it seemed as if charred, in other parts it was tinged with bile; on close examination, the branching of vessels is seen in it; and as it possesses considerable tenacity, there can be no doubt but it is a portion of the stomach, and not any adventitious formation. The anxiety and vomiting continued, and at 8 P.M. a long tube was cast up, evidently consisting of the mucous and nervous coats of the œsophagus; a part of it is quite charred, and transverse muscular fibres may be traced round one of its extremities. After the ejection of these substances she felt comparatively easy, and swallowed with more facility; but the pain remained in the course of the œsophagus (seventh day),[36].—Large quantities of carbonate of magnesia were mixed with milk and drank freely, the first draught of which induced vomiting, *for the first time*, of a dark grumous, bloody, and viscid matter, with the magnesia in a state of effervescence (after three-quarters of an hour); the matters vomited became gradually brighter and mixed with patches of tough mucus,[73].—Vomiting of sour smelling liquid, mixed with blood, pieces of membrane, and curdled milk,[34].—[**460.**] Vomiting at first of clear water, then of the food taken the previous evening, followed by continued nausea,[6].—Vomiting of clear water preceded by sudden nausea, in the stomach (third day),[6].—Vomiting of watery brownish-red liquid, with pieces of membrane and clots of blood,[70].—Constant vomiting of brown substances,[55].—The matter vomited was slimy, like coffeegrounds,[40].—Vomited copiously a black, glairy matter; the vomiting continued at intervals,[36].—Vomiting of black flocculent masses,[43].—Frequent black vomiting,[82 114].—Very violent vomiting of inky-black fluid, mixed with flakes,[84].—During the fourth week, the pain in the stomach returned with great violence; the neuralgia also returned, with vomiting, mixed with black clots of blood, lasting two days, was followed by discharge of thin black stools; after this the patient had a persistent sensation of nausea, and was very much tormented by acid eructations, with frequent attacks of cardiagia,[104].—***Stomach.*** [**470.**] Stomach distended and very sensitive (second day),[22].—Epigastric region distended, painful to touch,[61].—Epigastric region distended, excessively painful,[70].—Epigastric region tense, and very painful,[106].—Epigastrium tight, as if it would burst, after eating,[1].—Epigastric region very much contracted,[22].—Epigastrium very sensitive,[21 105].—Great tenderness over stomach (second

day),[36].—Epigastrium painful to touch,[47 104].—Epigastric region painful,[59].—[480.] Epigastric region very sensitive to pressure,[84].—The epigastric region is very sensitive externally,[1].—Feeling of fulness and distension of the stomach,[6].—Heaviness and nausea in the stomach, always after taking the drug, lasting a long time,[6].—Great sensitiveness of the stomach,[43].—Painful heaviness in the pit of the stomach,[50].—Distress in the stomach, lasting a long time, especially after eating hastily, or taking any indigestible food,[9].—Pain in the pit of the stomach,[74].—Severe epigastric pain (after half an hour),[73].—Pains in the epigastric region where there was a circumscribed round, hard swelling, as large as a child's head,[18].—[490.] Pains in the affected parts and in the stomach, especially about the cardiac region,[11].—The epigastrium was always very painful,[23].—Pains at the epigastrium (second day),[81].—Great pain over region of stomach,[56 110].—Violent pains in the epigastric region,[22].—Terrible pains in the stomach and intestines,[17].—Most frightful pains from the stomach to the mouth, immediately,[70].—Excessive pains in the cardiac region, with vomiting of all food and liquids,[14].—Violent pains in the epigastric region, which is extremely sensitive to touch,[97].—Excruciating pain at the stomach, insomuch that he was compelled to keep his body in a bent position, supported by two individuals,[33].—[500.] When the difficulty in swallowing was the greatest, the pain extended from the pit of the stomach to the shoulders,[54].—Violent pains in the epigastric region always after eating, especially hard food, with sensitiveness of the stomach,[57].—Terrible pains in the stomach,[45].—Burning in the stomach,[40].—An agreeable sensation of warmth in the stomach (after a quarter of an hour),[1].—Burning in the stomach, with dulness of the head, immediately,[6].—Sudden burning in the stomach, so that he started up in fright,[6].—Coldness in the stomach (soon after a new dose),[6].—The stomach feels cold and relaxed, with loss of appetite,[3].—Griping just beneath the pit of the stomach, and upon pressure upon the stomach, it is painfully sensitive, as after a blow,[4].—**Every drink chills the stomach, unless some spirit is mixed with it*,[1].—[510.] Constrictive sensation in the stomach, with nausea, as if it would cause vomiting,[6].—Sudden anxious constrictive pain in the pit of the stomach, preventing respiration,[4].—Painful constriction in the pit of the stomach, lasting a long time,[6].—Violent constrictive pain in the stomach and abdomen,[6].—Pressure and pains in the epigastric region always relieved by vomiting,[40].—Pressure in the stomach, with constant nausea and vomiting,[6].—Pressure in the stomach constant, with ineffectual inclination to eructate (first day),[6].—Pressure in the stomach, as though a stone rose up, with accumulation of watery saliva in the mouth, after which the pressure disappears,[6].—Pressure in the stomach, with a feeling as if a hard, very bitter substance rose up into the chest, with frequent uprisings of mucus, which afterward are felt only in the throat,[6].—Epigastric region sensitive to pressure,[114].—[520.] Epigastrium painful to strong pressure,[27].—Clawing in the stomach every evening, as after taking cold,[6].—Terrible cutting pains in the epigastric region,[63].—Cutting near the left side of the stomach extending to the back,[6].—Cutting about the stomach and painful moving about in it, while sitting and walking, several times in short paroxysms,[6].—Stitches in the stomach,[6].—Stitch in the stomach, lasting five minutes (after one hour),[1].—Experienced some relief by pressure constantly maintained over the epigastrium,[36].

Abdomen.—Hypochondria. Left hypochondria distended,[47].—Burning in both hypochondria while sitting, all day,[6].—[530.] Stitch in the hepatic region, near the stomach,[1].—Stitch in the left hypochondriac

region on leaning to the right side,[6].—Stitches in the left hypochondriac region, disappearing on pressure,[6].—Stitches in the left hypochondriac region, associated with stitches in the chest,[6].—***Umbilicus and Sides.*** Loud rumbling about the umbilicus, in the evening before lying down and the next morning after rising,[6].—Sensation of a sickly warmth, or as of heartburn, in the umbilical region,[4].—Pressure upon the navel, superficial but violent,[4].—Cutting and moving about in the umbilical region,[6].—Cutting in the umbilical region, worse when walking in the open air than in the house,[6].—Long dull stitches in the left side of the umbilicus, extending into the abdomen,[4].—[**540.**] Griping in the left flank,[6].—Bubbling pain in the right side of the abdomen, extending almost to the back,[4].—Burning in the right flank, with a hacking cough,[6].—Jerking in the left flank and a pressing outward as if with the finger, at first appearing and disappearing while sitting, then recurring while standing and disappearing while walking; occurring while walking,[6].—A stitch in the left flank on inspiration, followed by fine stitches in the upper part of the left side of the chest, in the evening after lying down,[6].—Stitches in the left flank,[6].—***General Abdomen.*** Muscles of the abdomen hard and rigid, and when the abdomen was pressed, he gave distinct indications of pain; he was observed, also, to place his hand on the pit of the stomach, with an expression of suffering and anguish (in two hours),[69].—Distension of the abdomen, with rumbling and still emission of flatus,[6].—Distension of the abdomen,[82 104].—Abdomen moderately full, resonant; some tenderness over the whole abdomen, but very considerable tenderness between the umbilicus and ensiform cartilage (second day); umbilicus protruded, and the surface of the abdomen, for about one and a half inches above umbilicus, is redder than the surrounding part; on pressing the umbilicus or reddened surface, the woman expressed great pain (eleventh day),[83].—[**550.**] Abdomen tense and greatly distended,[78].—Abdomen distended, sensitive in the epigastric region,[86].—Abdomen sunken and empty on percussion (fourth week),[104].—Abdomen retracted, excessively sensitive to touch,[34].—Whole abdomen contracted as in lead-colic,[18].—Abdominal muscles contracted,[19].—Extremely painful spasmodic contraction of the abdominal walls,[84].—Short, abrupt, difficult emission of flatus,[4].—Milk causes flatulence,[1].—Rumbling about the umbilicus, and a feeling as if a stool would occur,[6].—[**560.**] Violent rumbling in the abdomen after emission of flatus,[6].—Rumbling and gurgling in the abdomen, with ravenous hunger, which disappears after eating,[1].—Gurgling, as of water, in the abdomen on moving the body, by breathing, while lying,[1].—Considerable pain in bowels (third day),[90].—Pains in the abdomen and "bilious" symptoms, followed by great emaciation and death, after two months,[12].—Abdomen tender, painful on pressure, especially in the epigastric region,[55].—Griping about the sides of the upper abdomen during a stool,[6].—Griping and cutting in the abdomen, with violent urging to stool, at night (first day),[1].—Violent griping cutting and twisting in the abdomen with laborlike pain, as if everything would press out, with faintlike nausea (after thirty days),[1].—Griping pain in the abdomen, even in the evening,[6].—[**570.**] Griping in the abdomen, at night,[1].—Laborlike pain through the whole abdomen, extending into the hips, and then a bruised sensation in the small of the back,[6].—Violent pain in belly, the abdominal parietes dragged down, and but little tender to pressure (after one hour and a half),[28].—Violent pains in the abdomen; a few hours before death seeming to be relieved rather than aggravated by pressure,[94].—Screamed in dreadful agony, referring the greatest tortures to the stomach

and abdomen,[109].—Terrible pains in the abdomen, most in the epigastric region and back,[34].—Severe colic,[32].—Violent colicky pains,[43].—Colic in the abdomen,[64].—Colic, immediately followed by digging and uneasiness in the abdomen, without diarrhœa, after eating,[1].—[**580.**] Abdominal neuralgia (after four weeks),[104].—Very frequent spasms of the abdominal muscles,[19].—Anxious feeling in the abdomen, in the morning in bed,[1].—Burning and pressing in the abdomen, as if in the uterus,[6].—Relaxed feeling in the intestines after a stool,[1].—***Weak feeling in the abdomen,** *as if the menses would come on*,[1].—Stitches in the abdomen and vagina during the menses,[1].—***Hypogastrium and Iliac Region.*** Griping in the lower abdomen, extending towards the lumbar region, so that he broke into a cold perspiration,[1].—Griping in the lower abdomen before, during, and after urinating,[6].—Sharp jerking, almost like an intermittent jerking colic, extending over the lower abdomen, rather superficial,[4].—[**590.**] Stitches, like spleens, in the left side of the lower abdomen on movement, disappearing while sitting,[6].—A forcing outward in the right inguinal region, in the morning on waking, as if a hernia would occur, disappearing on rising, frequently recurring,[4].—A forcing outward suddenly in the right groin, as if a hernia would occur, on rising from stool, not affected by cough or respiration,[4].—Incessant forcing out in a hernia at the abdominal ring, with hard pain in the ring even after reducing the hernia (after two hours),[1].—Violent pain in the right inguinal region while walking and standing, as if a hernia just protruded, so that he dared neither cough nor breathe; afterward a hernia protruded from time to time, especially when talking, and also without cause, with great pain; it returned on holding quietly, especially on sitting, and then he could breathe and cough without trouble,[4].—Pinching pain in the right groin,[6].—Tearing in the left inguinal region while sitting,[6].—Stitches in the region of an inguinal hernia,[1].—Throbbing in the place of the hernia for several days,[1].

Rectum and Anus.—Moisture on the hæmorrhoids and pain when touched,[1].—[**600.**] Hæmorrhoids with burning and sticking,[1].—Violent itching of the hæmorrhoids,[1].—Rush of blood to the rectum,[1].—Pain as if the rectum would be torn asunder, during a stool,[1].—Ineffectual desire for stool, for two hours (first day),[6].

Stool.—Diarrhœa. **Diarrhœa*,[34 46].—Dysenteric diarrhœa,[84].—In a few days the bowels became much disordered, *the motions very frequent and green in appearance*, and, if we can judge by the restlessness of the little sufferer, passed with pain. If the acid be persevered in, the health of the child becomes most sensibly affected, and death at last closes the scene. My attention was first directed to this subject by a man who asked me, "What I had given to his wife, as the child's napkins, upon being washed, went into holes,"[30].—Diarrhœa till evening; the evacuation only fermented mucus, with burning in the rectum, flatulence, and rumbling,[1].—[Watery green diarrhœa],[7].†—[**610.**] ***Soft stool, followed by a feeling of emptiness in the abdomen** (fourth day),[6].—**Stool soft, pasty, accompanied and followed by pressing in the anus* (after six hours),[5].—Stool soft, preceded by sticking in the anus (second day),[6].—Stool of soft and very thin fæces (third day),[6].—Stools black, mixed with blood,[43].—Stools black, liquid, very fetid, relieving for the moment the great pain,[55].—Stool bloody, hard, only every two or three days (after twenty-five days),[6].—Stool colored with blood,[1].—***The child frequently has a stool, as if chopped, saffron yellow, stringy,**

† Bracket.—HUGHES.

and slimy,[1].—**Stool yellowish white*,[1].—[**620.**] **Stool of a very offensive odor, partly solid, partly liquid, with much thin mucus and streaks of blood*,[1].—Stool very large, formed,[1].—Stool, in the morning, at first hard, then soft,[1].—Stool hard, in small connected black lumps, mixed with blood, and with such needlelike stitches in the anus that she was obliged to stand up on account of the pain, during the menses,[6].—Hard, difficult, nodular stool, as if burnt or like sheep dung (fourth, sixth, and seventh days),[6].—Stool very hard, bloody (nineteenth day),[6].—Stool hard, at times delayed (occurring first in the evening), and the evacuation also accompanied by pain,[6].—Stool bloody; at first hard, then soft, with burning in the anus,[6].—The stool consists of very hard fæces, afterwards is mixed with blood,[70].—Stool very seldom and hard,[19].—[**630.**] Stool indolent,[18].—Both the stool and urine seem to be retained in the primary action of the drug,[6].—***Constipation.*** Stool omits (first, third, and nineteenth days),[6].—Constipation,[32 71 74 82].—Obstinate constipation,[37 68 103].—Persistent constipation, with pain in the abdomen,[75].

Urinary Organs.—Kidneys and Bladder. Acute nephritis; during life the urine contained blood and albumen; in one case there were fibrinous casts and epithelia, and in the other cellular elements only. The microscopical examination of the kidneys after death afforded evidence of a recent inflammatory process (granular opacity and fatty degeneration of the epithelial elements, recent cleaving of the nuclei of the interstitial tissue, particularly along the course of the vessels). Both cases were of long duration, and it was observed that the quantity of albumen in the urine diminished from day to day,[96].—After the beginning of the third week the urinary symptoms commenced; the patient suffered from pain behind the symphysis, frequent desire to urinate, and cutting pains when urinating; the catheter met with an obstruction in the region of the neck of the bladder, which, on examination through the rectum, was found to be a swollen and extremely sensitive prostate,[105].—Violent pressure upon the neck of the bladder, as if everything would force out, especially violent while walking, standing, and sitting, obliging him to press the thighs together; relieved by coition (first ten days),[1].—**Pain in the bladder if the desire to urinate is not immediately satisfied*,[1].—***Urethra.*** [**640.**] Burning in the urethra after coition,[1].—***Micturition and Urine.*** Constant desire to urinate; always before the last drops violent cutting in the urethra, for seven days; afterwards, there is every time a dragging in the groins and loins,[1].—She is obliged to rise at night to urinate (after two days),[6].—Frequent micturition of only a few drops,[24].—Increased evacuation of urine (after four to twelve days),[6].—Secretion of urine, in the morning, at first increased, then diminished, with burning (third day),[6].—Urine diminished, with burning during micturition (second day),[6].—Urinates only in the morning and evening, associated with burning (fifth day),[6].—No urine is passed (second morning),[6].—Suppression of urine,[84].—[**650.**] Diuresis,[71].—Passed about an ounce of pale straw-colored urine, which had a very powerful effect on litmus-paper (after twenty hours),[73].—Urine thick, diminished,[6].—Urine becomes turbid, like muddy water, when standing, and afterwards deposits an earthy sediment,[6].—Urine like water, soon depositing a thin mucous sediment (first day),[6].—Urine like water,[1].—Urine with a bloody sediment and a fine pellicle on its surface,[1].—Urine brownish red,[1].—White sediment in the urine,[1].—Voided 4 ounces of clear amber-colored urine (after twelve hours and a half); it possessed very strong acid reaction; its density was 1030, and 1000 grains of it yielded 54 grains of

solid residue; half of this residue was soluble in alcohol; the alcoholic solution showed signs of the presence of free Sulphuric acid; the insoluble residue furnished 16.9 grains of sulphate of baryta. At the end of ten days the density of the urine had sunk to 1026, and 1000 grains of it yielded only 2.6 grains of alkaline sulphate,[71].—[**660.**] Urine red, acid; specific gravity 1020, containing albumen and sulphur; on standing, a large number of pale or yellowish granular cylinders,[114].—Urine red and fiery,[47].—Urine light brown, intensely acid, the highest specific gravity 1038, albuminous, containing free Sulphuric acid. On the second day the specific gravity fell, the amount of sulphates became less, the albumen almost entirely disappeared. On the ninth day, though there was no increase in the sulphates, there was again a small amount of albumen, and the microscope showed pale cylinders, with more or less fatty degeneration. This condition persisted; the urine had, in addition, a very copious sediment of urate of ammonia; the amount of urine became more scanty, and during the last days of life the specific gravity was 1028. At this time all trace of chlorides disappeared from the urine,[104].—Urine albuminous, with a brownish-red sediment containing hæmatin, but no blood-corpuscles,[97].—The urine showed albumen and large amounts of Sulphuric acid,[106].—Examination of the urine showed sulphates in large quantities, albumen, pale cylinders, and a varying amount of urates, in addition to free blood-corpuscles,[105].

Sexual Organs.—Male. Warmth in the genitals and scrotum,[1].—Erections during the day without amorous thoughts,[1].—Itching pain in the upper margin of the glans penis,[1].—[**670.**] Relaxation of the scrotum,[1].—Emission without voluptuous sensation,[1].—***Female.*** Miscarriage (after some days),[12].—Discharge of bloody mucus from the genitals, as if the menses would come on (after two hours),[1].—Disagreeable burning leucorrhœa,[1].—*Leucorrhœa* transparent or milklike, without sensation,[1].—Frequent discharge of mucus from the vagina, with a corroding sensation (after sixteen days),[1].—Menses eight days late, without trouble,[1].—Menses six days too early,[6].—Menses five days too late, with pain in the abdomen and small of the back,[6].—[**680.**] Great desire for coition in a woman, the inclination to which was rather in the external genitals, yet she was not much excited by coition,[1].—Great desire for coition after the menses (after eleven days),[1].—Great aversion to coition after the menses (after thirty-eight days),[1].

Respiratory Organs.—Violent bronchitis came on the second week; the patient became very prostrated,[86].—In most workers the mucous membrane of the air-passages first becomes affected; this is shown by hoarseness, cough, oppression of the chest, sticking pains; the cough is at first dry, without expectoration, afterwards loose, with improvement,[74].—Glossitis,[85].—Loud rattling of mucus in the larynx,[106].—Rattling of mucus in the trachea and bronchi,[94].—Constrictive pain in the larynx,[24].—Pain in the larynx; talking was irksome, as if the usual flexibility and mobility of the parts were wanting,[1].—[**690.**] Pains in the larynx, as if sprained, on talking and on external pressure,[104].—Sticking pain in the larynx,[1].—Larynx painful to touch,[47].—Larynx excessively sensitive,[106].—Larynx very sensitive to pressure,[100].—The larynx was very sensitive to pressure; swallowing difficult and painful,[87].—***Voice.*** Hoarseness,[46].—Hoarseness; inclination to coryza and cough,[1].—Hoarseness; dryness and roughness in the throat and larynx,[6].—Excessive hoarseness,[34 35].—[**700.**] Voice hoarse,

croaking, almost unintelligible,[94].—Voice hoarse, hollow, almost unintelligible (after four weeks),[104].—Voice hoarse and larynx painful to touch,[65].—Voice husky and hoarse,[105].—The voice was husky (after half an hour),[73].—Voice without sound, husky,[106].—Low muttering voice (sixteenth day),[83].—Voice very low,[21].—Voice feeble,[82].—Voice weak, croupy, followed by complete aphonia,[84].—[710.] Loss of voice,[114].—***Cough and Expectoration.*** Cough,[52].—Constant cough (after eight days),[28].—Constant hacking cough,[43 58].—Cough, caused by irritation of the fauces, with white frothy expectoration,[98].—Very fatiguing cough,[21].—Rattling, shaking, interrupted cough,[24].—Cough rattling, hoarse, not croupy,[49].—Frequent distressing cough, accompanied by whistling respiration and croupy sound of the voice,[9].—Frequent short hacking cough,[6].—[720.] [Hacking cough].[7].†—Cough and coryza, with violent hunger (after fourteen days),[1].—Short dry cough, with paroxysms of gasping,[1].—Some paroxysms of dry cough (infrequent), also in the morning after rising,[6].—Cough only when walking in the open air (sixth day),[6].—Cough caused by the open air,[1].—Violent paroxysmal cough, with copious expectoration, at times accompanied by vomiting; this was followed by diarrhœa, fever, and nightsweats, pain in the chest, offensive breath; percussion at the apex of the right lung was dull; expiration prolonged, vesicular, and hollow, and a peculiar purring noticed over the whole chest; collapse gradually came on, and the patient died in slight delirium after two hundred and eighty-eight days,[75].‡—Loose cough, with slimy expectoration, in the morning,[6].—At intervals the expectoration was copious, sometimes as much as two pints in twenty-four hours,[54].—Expectoration perpetual (second day),[81].—[730.] Offensive expectoration,[52].—***Respiration.*** Respiration rapid, with shooting in the cervical muscles and movements of the wings of the nose,[106].—Respiration rapid and short,[47].—Respiration rapid and difficult,[94].—Breathing rather hurried and difficult,[90].—Breathing slow, and moaning as from pain,[107].—Respiration short, difficult,[24].—Respiration very weak and slow,[22].—Respiration short,[59].—Difficult respiration,[80].—[740.] The moment it touched his lips he began to struggle, and almost immediately exhibited symptoms of suffocation; the child lingered in agony two days, and then death put a period to its sufferings,[67].—Difficulty of breathing and pain, followed by cough,[85].—Great difficulty in breathing (after half an hour),[73].—Respiration very difficult, accompanied by dull stitches in the air-passages and hawking of much mucus and cough; inspiration was accompanied by pain in the chest,[24].—Respiration became very difficult; the larynx moved up and down violently; the child lay with the head bent backward, as in the last stages of croup; he lost consciousness and soon died,[79].—Oppressed breathing and choking in the larynx, frequently at night,[1].—Respiration difficult, rattling,[84].—Breathing labored and irregular,[62].—Respiration laborious,[56].—The breathing embarrassed and noisy,[36].—[750.] Respiration 36, heaving, and with violent spasmodic motion of the muscles of the neck, and depression of the lower jaw at each inspiration, so as to form a sort of gasping motion (in two hours),[69].—Stertor,[113].—Respiration very superficial, rattling,[101].—Frightful spasms of suffocation,[49].—Suffocation,[80].—Dyspnœa,[43].—

† Bracket.—HUGHES.

‡ The post mortem showed the upper lobes of the lungs adherent to the œsophagus, and an opening communicating from the œsophagus to a cavity which occupied nearly the whole of the upper and part of the middle lobes of the right lung; the cavity was filled with blackish-brown offensive fluid with lung tissue; the pleura was almost gangrenous, etc.

Excessive dyspnœa, causing anxiety (fourth week),[104].—Dyspnœa, with great distress and constant pain about the region of the stomach and lower ribs of the right side,[54].—Dyspnœa, with rattling in the trachea,[97].—Dyspnœa for a moment, at times,[1].—[**760.**] Great dyspnœa, with cough, for two hours, at night (first night),[1].

Chest.—Hæmoptysis when walking slowly,[2].—Great rattling of mucus in the chest and throat, with difficult respiration, great restlessness, with pains in the larynx and chest, followed by death,[24].—Rattling in the left lung, followed by dulness, with bronchial respiration and pneumonia, from which the patient recovered,[100].†—On the fifth day, there was noticed rattling at the base of both lungs, without any dulness on percussion; pulse 112; the cough continued; the sputa was tenacious on the sixth day. On the seventh day, the patient was frightfully pale, with circumscribed redness of the cheeks; the pulse 132; sputa very tenacious; no râles in the lungs were noticed. The eighth day, the patient complained of oppression of the chest; there were found bronchial respiration; in the right side some râles; on the left side moist and rattling râles; respiration 40; violent headache. The next day, the patient was pale, in a clammy sweat, and died towards evening,[98].—Rattling in the chest, rapid pulse, short breath, even in bed,[1].—Moist râles in the chest,[24].—Dulness at the base of the right lung, followed by pneumonia, collapse, and death,[99].—Oppression of the chest,[59].—Oppression of the chest, in the morning, with nausea,[1].—The chest is oppressed by catarrh, in the morning on waking; there is irritation to cough, without anything to be loosened; after several hours, easy expectoration of mucus,[1].—[**770.**] Painful spasms in the chest,[9].—Acute pains along the right lower portion of the ribs, in long paroxysms, especially at night, caused by deep inspiration (examination showed that the pain was due to intercostal neuralgia between the tenth and sixth ribs),[103].—Pain in the chest and abdomen, especially in the epigastric region,[42].—Constriction of the chest,[46].—Fulness in the chest,[1].—Such weakness of the chest that she can talk only with difficulty,[1].—Cutting pain in front of the left axilla,[6].—Stitches in front of and beneath the right axilla,[6].—Sticking pressure on the chest and in the throat, stopping the breath, equally violent while standing and walking, relieved in the open air, in persistent paroxysms,[1].—Stitches in front of the left axilla on putting down a heavy weight, followed by violent bruised pain over a large part of the sternum,[6].—[**780.**] Violent paroxysmal sticking pains in the lower portion of the right thorax, especially on deep inspiration; pressure near the spine, between the fourth and tenth vertebræ, and along the axillary line, from the fifth to the tenth intercostal space, and at the union of the ribs with their cartilages, causing most acute pain; the skin between the linea-axillo mammillaris showed excessive hyperæsthesia (after third week),[105].—Sticking pains in the chest,[84].—***Front and Sides.*** Pains along the sternum (second day),[81].—Pains extending down behind the sternum, burning pressive, causing great anxiety,[105].—Acute drawing pain in the middle of the chest, so that deep inspiration was impossible,[70].—Scraping, burning, and tearing pains deep in the middle of the chest,[64].—Dull pain in the middle of the sternum, as from a thrust,[4].—Violent stitches in the sternum on going into the house from the open air, which extended to the other side of the chest, deep internally, in the evening (first day),[6].—Dull stitches in the left side of the

† It may be remarked, that Prof. Popel has noticed that many cases of poisoning by Sulphuric acid suffer from pneumonia.

sternum, by the costal cartilage,[4].—Drawing tension in the left side of the chest,[6].—[**790.**] Dull pressing inward in the right ribs, aggravated at intervals,[4].—*Pressure on the left side of the chest and in the pit of the stomach*,[1]. —Burning frequently in the outer portion of the left side of the chest, as from boiling water, at one time more, at another less severe,[6].—Frequent single attacks of burning in the left side of the chest,[6].—On the fourth day, the patient was attacked by violent paroxysmal stitches in the lower ribs of both sides, apparently an intercostal neuralgia, extending the next day to the tract of the lumbar nerves; the hyperæsthesia of the skin, which always existed over the extent of the neuralgia, gradually extended to the extremities and over the whole body, even to the face; the slightest touch caused loud cries, and the patient could rest in no position,[104].—Stitches in the right costal region, aggravated by inspiration, during the menses,[6].—Stitches in the left side of the chest, aggravated by inspiration and talking, while walking, relieved during rest,[1].—Fine stitches deep in the left side of the chest, with arrest of breathing, followed by sensitiveness in a small spot to the left and above the ensiform cartilage,[6].—Sudden dull stitches, violent and piercing, in the upper part of the left side of the chest, extending into the back,[4].—Slight pulsating bubbling pain beneath the left ribs,[4]. —***Mammæ.*** [**800.**] Violent sticking in the right breast, frequent and continuous; when pressing upon it, the pain extended still deeper (fifth day),[6].—Stitches in the right breast,[6].

Heart and Pulse.—Præcordia. Præcordial region very painful,[60].—Anxiety in the præcordial region, extending over the whole chest, with great anxiety,[24].—Many violent stitches through the heart, day and night, soon followed by sore pain,[1].—***Heart's Action.*** Palpitation,[24].—Palpitation, without anxiety, while the upper part of the body is pressed forward resting upon both arms, with inclination to take a deep breath, which was accomplished without difficulty,[4].—Beating of the heart and arteries scarcely perceptible,[22].—***Pulse.*** Pulse quick and feeble,[71].—Pulse rapid,[11].—[**810.**] Pulse rapid, full, and hard,[64].—Rapid intermittent pulse,[38]. —Pulse increased by 10 beats,[6].—The pulse rose to 136 on the second day, gradually fell to 60 on the twenty-fifth day, then rose to 152 before death on the twenty-seventh day,[104].—Pulse 130 (after six hours), afterwards rose to 160 just before death,[94].—Pulse tense, full, too rapid,[47].—Pulse contracted and rapid,[42].—Pulse 108, feeble, afterwards 120, later 92,[36].—The pulse became very tense and hard,[24].—On the second day the pulse became hard, full,[22].—[**820.**] Pulse small, rapid, and hard,[78].—[*Pulse small, rapid*],[7] †[24 70].—Pulse small and quick,[107].—Pulse small,[23 68].—Pulse 80 beats, small,[86].—Pulse exceedingly small, 64 in the minute (in two hours),[69].—Pulse small, irregular, scarcely perceptible,[17].—Pulse small, irregular,[59].—Pulse small, thready, irregular, tremulous,[84].—Pulse small, contracted, irregular, almost convulsive and tremulous, sometimes very rapid, sometimes intermittent,[9].—[**830.**] Pulse small, tremulous, with coldness over the whole body (the patient recovered),[58].—Pulse small, weak, and trembling,[43].—Pulse small, weak, regular, not rapid,[21].—Pulse small, scarcely perceptible, at times intermittent,[34].—Pulse weak,[82].—Pulse sank to 55 (after four hours),[94].—Pulse 54 and feeble,[36]. —Pulse 48, small, not very weak (after two hours),[83].—Pulse slow and large (after one hour and a half),[28].—Pulse slow,[21].—[**840.**] Pulse thready (fourth week),[104].—Pulse at the wrist thready and almost imperceptible,[105].—Pulse

† Omit Kinglake and bracket.—HUGHES.

scarcely perceptible,[49 53], etc.—The pulse could not be felt at the wrist or temples, but beating feebly in the humeral artery,[56].

Neck and Back.—Neck swollen,[60].—The left side of the neck is extremely painful on pressure,[64].—Drawing in the right side of the neck beneath the ear,[1].—Pain between the side of the neck and the left shoulder, as if from a pressing weight,[4].—Stiffness of the back several mornings, which disappeared during the day on motion,[1].—Pains in the back,[50].—[850.] Drawing pain in the back on motion and on stooping,[1].—Pain in the back as if sore and beaten,[6].—A fine stitch in the spine and, at the same time, in the left side of the nape of the neck,[6].—*Pain in the small of the back*,[1].—Pain in the small of the back, as if beaten, while standing and sitting,[6].—On movement, pain in the small of the back, like a soreness or like a spasmodic drawing,[1].—Burning pain in the small of the back,[1].

Extremities.—Convulsive movements of the arms and legs (after one hour and a half),[25].—Extremities of a livid color,[55].—Extremities very sensitive,[82].—[860.] [Twitching of tendons],[7].†—While asleep, she felt pain in the joints, which disappeared on waking,[1].—Tearing in all the limbs during the menses, especially in the evening,[6].—Inclination to cramp in the hands and feet,[5].—Wrists and other large joints painful and swollen, but not red,[54].

Superior Extremities.—Heaviness of the arm,[1].—Fine jerking tearing in the right arm, frequently extending from the thumb to the chest, while sitting,[6].—A drawing and spasmodic constrictive, paralytic pain in the right arm at times, while writing,[1].—Stitches in the joints of the arm,[1].—***Shoulder.*** Cutting pain in the shoulders, with burning, as if it would cut through,[6].—[870.] Tremulous sensation in the left shoulder at irregular intervals,[4].—The left axillary glands are painfully sensitive,[1].—A jerk in the right shoulder on writing,[6].—Pain, as from an ulcer, under the left arm, extending into the chest, especially on going upstairs, also on walking, so violent that she was obliged to sit down,[2].—Sticking tearing in the left shoulder,[6].—Stitches in the shoulder on raising the arm,[1].—***Arm.*** A painful tearing on the right upper arm posteriorly beneath the shoulder-joint, and extending up about it,[6].—***Elbow.*** Tensive pain in both elbow-joints,[1].—Smarting pain, as if bruised, on the outer side of the left elbow,[4].—***Forearm.*** Every three seconds a pain, as from a blow, in the left ulna close to the wrist; suddenly commencing with violence, then extending up into the arm with less violence, where it disappears,[4].—***Wrist.*** [880.] Drawing and weariness in the wrists,[1].—***Hand.*** Tensive pain and heaviness on the right metacarpus, when walking in the open air with the arm hanging down, as if the blood accumulated in it,[4].—***Fingers.*** Spasmodic jerking together of the fingers, and doubling up of the fingers during sleep, so that he started up,[4].—Several small chilblains on the fingers, with acute pain,[1].—Sharp jerking pain through the right thumb, starting from the tip,[4].—Jerking pain in the tips of the fingers, as if in the nerves,[4].—Painful jerks, like dull thrusts, in the articulations of the metacarpal bone of the thumb, extending up into the wrist, at times through the wrist up into the arm,[4].—Jerking in the metacarpal bone of the right index finger, extending up into the arm, very acute,[4].—Fine tearing in the right thumb, as if in the bone of the first joint,[6].—Tearing beneath the nail of the index finger, as in a run-round, aggravated by being in cold water,[4].—[890.] Burning or smarting, fine stitches on the right side of the middle finger,[4].—

† Bracket.—HUGHES.

Burning stinging crawling in the tip of the little finger, as if asleep, and also in a small spot on the middle finger,[4].—Dull stitches in the middle of the finger-joints,[1].—Acute painful beatings in the metacarpal bone of the right index finger,[4].

Inferior Extremities.—A large slough on the right buttock, close by the anus; a probe passes some distance into the pelvic cavity, and also some distance along toward the gluteal region (fourteenth day),[83].—Stretching and extending of the lower extremities,[1].—Weakness of the lower extremities and small of the back, so that he could scarcely stand alone,[1].—Heaviness of the lower extremities,[1].—The right lower extremity is very much inclined to numbness,[1].—***Hip.*** Cramp in the right hip,[1].—***Thigh.*** [900.] Pressure on the upper and inner portion of the right thigh, at intervals,[4].—Spasmodic, constrictive, paralytic pain in the right thigh and leg,[1].—Intermitting pinching in a small spot on the inner side of the left thigh,[4].—Constriction very low down on the thigh, at intervals, extending into the leg,[4].—Acute pain, as from a blow, obliquely above the left knee, in wavelike intervals,[4].—Tearing up and down deep in the left thigh, disappearing on rubbing,[6].—Tearing in the varicose veins on the right thigh and leg, in the morning in bed,[1].—Cutting pain in the thigh,[1].—Burning cutting crawling on the thighs, at irregular intervals, like a soreness from something corrosive,[4].—Dull sticking pressure externally in the middle of the left thigh,[4].—***Knee.*** [910.] Painful weakness of the knees while standing, with acute jerking in them,[4].—Painful jerks, like dull thrusts, in the inner side of the left knee,[4].—Burning pain in the hollow of the right knee,[4].—Burning stitches in the left knee,[4].—Dull stitches, like thrusts, in the middle of the right knee while sitting, followed for a long time by simple pain in it,[4].—Acute prickling stitches in the hollow of the left knee,[4].—***Leg.*** Falling asleep of the left leg while sitting still, worse when walking,[6].—Burning-itching stitches on the tibia, with a pimple in the middle; after scratching, the part swells up, and after the swelling ceases, the itching begins again,[6].—Crawling in the left tibia,[1].—Cramp in the calves when walking, with crawling in them,[1].—[920.] Pain in the calves, more when sitting than when walking,[1].—***Ankle.*** Stiffness of the ankles, when walking,[1].—Dull sensitive pressure beneath the outer malleolus of the left ankle, at intervals, like thrusts or jerks,[4].—Fine prickling stitches in the left tendo Achillis,[4].—Acute pressure in the right instep, increasing and decreasing,[4].—***Foot.*** Falling asleep of the left foot, in the evening while sitting,[6].—Bruised pain on the sole of the left foot, at first increasing, then jerking, then suddenly disappearing,[4].—Tearing in the left heel, in the morning on waking, lasting a quarter of an hour,[1].—Burning stitches on the heels,[1].—***Toes.*** Jerking griping in the middle toes, at intervals,[4].—[930.] Tearing in a corn, so that he is obliged to draw up the foot,[1].—Stitches in a corn,[1].—Fine prickling-piercing stitches beneath the great toe,[4].

Generalities.—Excessive emaciation (after the first week),[104].—Great emaciation,[87].—During nine days after the third week, the patient became excessively emaciated and weak, the pulse was small, soft, and rapid,[105].—After recovery from the acute symptoms, the patient became very much emaciated, with a small, feverish pulse, loss of strength, and inability to swallow even liquids,[37].—He gradually became more and more emaciated; after January 15th he rejected even liquid food, and on the 20th, nearly four months after he had swallowed the Sulphuric acid, he died in a state of extreme emaciation,[81].—Great emaciation, with a suffering expression (after the poisoning),[18].—Death in sixty days, in an advanced

stage of consumption,[25].—[940.] The lower lip, the cheeks, the back of the hand, and the forearm partially swollen, red, and painful, as after a scald. The next day the cuticle of the hands, etc., was black, dry, and rough; no inflammation beneath it. The third day the pellicles of the tongue, lips, and cheek had fallen off, all the mucous membrane of the mouth being of a bright red,[27].—The skin on the left side of the face was partially removed, and the whole presented at first a white disorganized appearance; the eyelids of both eyes were much inflamed and swollen, and the left eyeball was also severely involved in the mischief, but the right eyeball was uninjured; the skin of the inside of the lips was also white and swollen, and on the back of the left hand, as well as between the fingers, there were white excoriated streaks. In the course of sixteen hours the white marks turned brown; the pain of the face and eyes, which was at first excruciating, became easier under the use of suitable applications. After twelve hours, the pain of the left eye extending to the head, evidently threatening a severe ophthalmia, he was bled from the arm. The inflammation and disorganization of the eye, however, went on increasing, and soon ended in the bursting of the cornea and discharge of the aqueous humor and crystalline lens. Towards the close of the fifth day, while apparently doing well, he had a shivering fit, and next morning complained of acute pain at the bend of the right arm where he had been bled. Inflammation immediately sprung up around the orifice, general swelling of the arm came on, and progressively increased for the three following days; severe febrile symptoms ensued, and afterwards also difficult breathing, with other signs of pulmonary inflammation. Under these complicated disorders, he gradually sank and died on the morning of the thirteenth day,[29].—Lying on right side, with the knees drawn up and body bent forward,[107].—He lay doubled up almost in the shape of a ball (after half an hour),[73].—The patient lay upon the back, with the body and lower extremities completely immovable,[21].—He was in bed, and exactly resembled a patient in the collapse stage of cholera, the extremities having the same livid appearance, and cold clammy feel, pulse gone (after half an hour),[73].—Epileptiform spasms, with great rush of blood to the head, loss of consciousness,[38].—General paralysis, with epileptiform spasm,[38].—Convulsions,[61].—Convulsions, with complete loss of consciousness,[10].—[950.] Fell to the ground in convulsions, which lasted several minutes,[70].—Convulsions and cramps in the pharynx, preventing swallowing,[21].—Convulsions at intervals of half an hour, with excessive dyspnœa, distorted eyes, gnashing of the teeth, lasting ten minutes, with frothing from the mouth, and cold sweat on the face,[24].—General tremor (after one hour and a half),[28].—Whole body cold, tremulous, convulsively tossed about, and anxiety,[42].—Trembling and convulsions,[84].—Trembling and moaning, with pale face, excessive apprehension and restlessness,[34].—In the utmost agony, and occasionally laboring under hysterical fits, accompanied by spastic rigidity of the muscles of the lower jaw, complete loss of speech, great and sudden sinking of the animal powers, weak and fluttering pulse, with paleness and extreme dejection of countenance,[28].—Incessant twisting about on all sides,[47].—Indescribable restlessness,[19].—[960.] Great restlessness,[22 36 41 80].—Great restlessness, tossing about in bed,[43].—Tossing from side to side,[58].—Great uneasiness and loud screaming,[39].—Patient restless, could not lie quietly a moment on account of intolerable pain in the stomach,[27].—He appeared restless, turning himself about, and continually by signs and sounds demanded water to quench his thirst,[108].—Patient deathly pale and icy cold, extremely prostrated, but

perfectly conscious, lying doubled up on the abdomen,[22].—***Weakness,**[74].—**Great loss of strength,*[43].—During the second month the patient was reduced to the last stage of marasmus and weakness; all food, without exception, was vomited,[23].—[**970.**] Weariness, with headache in the forehead, relieved in the open air,[6].—So weak that when her head falls from the pillow she is unable to replace it without the assistance of the nurse (sixteenth day),[53].—Extraordinary weakness after eating,[3].—Weakness of the whole body, so that she scarcely dares to raise her arm,[1].—After taking milk he is weak and prostrated, in the morning,[6].—Great exhaustion; medical aid was administered, but the difficulty of breathing continued, and he expired in the evening (first case),[91].—**Extreme exhaustion,*[9 59].—Faintness (fourth week),[104].—Attacks of faintness (after third week),[105].—Frequent faintness,[17].—[**980.**] Threatened collapse (after third week),[106].—Collapse, with irregular, and finally suppressed pulse, cold sweat, etc.,[101].—Was observed to stagger and fall in the street; on being brought to the hospital immediately after, he was in a state of collapse, from which he never rallied, and died nine hours after admission,[92].—Collapse followed by death,[50].—Collapse, with extreme restlessness,[54].—Collapse,[59 108].—The child was in violent agony, and tossed itself about, so that it was difficult to hold it steady,[15].—Seemed at times to be free from pain, at others he appeared to suffer much, drawing up the legs and moaning loudly,[95].—Exquisite suffering over the entire surface of the body, so that, as she expressed herself, "not an inch of her was free from severe pain,"[54].—Violent pain,[25].—[**990.**] Rush of blood upward, with great anxiety and tossing about,[45].—Tremulous sensation over the whole body, without trembling, less in the morning,[2].—While walking, a sensation as if he would fall to one or the other side,[1].—Dull pressure in various small spots in the body, at first increasing, then suddenly decreasing,[4].—Rheumatic tearing and drawing in the whole body, even in the face (soon),[1].—The odor of coffee is extremely disagreeable and causes weakness and trembling,[6].—Seems to be worse, in the open air,[6].—More symptoms appear immediately after dinner, which is relished,[4].—All the symptoms of the last stages of croup,[80].—The gas had no immediate effect on one, but he became seriously ill subsequently (second case),[91].—[**1000.**] Subject to atmospheric influence, suffering much at the approach of and during cold, wet, and windy weather, but very much better when it was warm and dry,[54].

Skin.—Objective. Jaundice (in the employés in the oil of vitriol works),[1].—The skin became very dry, of a livid color, and desquamated in small scales (after four weeks),[101].—Skin pale and cold, covered with sweat,[106].—Skin dry, the forehead covered with drops of perspiration,[34].—Eruption of red patches on the forearms, they disappeared under pressure, and immediately reappeared on its removal (twentieth day),[28].—Bluish spots on the forearms, as from the settling of blood,[1].—Eruption on the hands and between the fingers, that itches worse after midnight,[1].—Small dark-red elevations on the back of the hand, with a scab, under which there seems to be matter, lasting four days, but painless,[9].—Boils on the back,[1].—[**1010.**] Horrible ulcers on the hands and feet,[93].—***Subjective.*** Stitches in the scar of a burn,[1].—Corroding sensation in an ulcer,[1].—Sticking sensation in the skin, as from woollen clothing,[1].—Itching, here and there, on the body, even on the head; after scratching, it reappears in another part,[6].—A general itching that had formerly been over the whole body disappeared (curative action),[3].

Sleep.—Sleepiness. Frequent yawning, after dinner,[6].—Very sleepy,

in the morning after waking, as if he had not slept at all,[6].—Disposition to doze (after ten hours),[53].—Sleep light and seldom,[21].—***Sleeplessness.*** [1020.] Could not fall asleep for a long time, in the evening, and slept well,[6].—Very restless night (first night),[90].—She falls asleep late, sleeps uneasily, and wakes frequently,[1].—*Falls asleep late in the evening*, and wakes easily, at night,[1].—Frequent starting from sound sleep,[6].—Wakeful all night,[1].—He woke at night after two hours, wide awake, as if he had slept enough,[1].—Woke, after midnight, without cause (second night),[6].—Woke, after midnight, with heat, dryness of the throat, and thirst; she could not tolerate the covering,[6].—Jerking in sleep, causing starting up, and accumulation of saliva,[1].—***Dreams.*** [1030.] Anxious dreams, of fire, of dead persons, of dangers,[6].—Anxious dream, even to crying out,[1].—Frequent, but unremembered dreams (first night),[6].—Dream by a woman that she had coition twice, and orgasm twice, at night,[1].—Dream in a woman of desire for coition, and on waking, a violent, tumultuous desire therefor, which was especially seated in the clitoris (after forty hours),[1].—Nightmare two days before the menses; something heavy seemed lying upon her; she could not speak, it seemed as though some one were holding her by the throat, and she woke in perspiration,[6].

Fever.—Chilliness. Chilliness all day,[1].—Chilliness, in the morning in the house, less in the open air (after twelve days),[6].—Chilliness; she constantly wishes to sit by the stove (twentieth day),[6].—Momentary shivering, as from chilliness, with gooseflesh, immediately,[6].—[1040.] Constant shivering down the trunk, without chilliness,[4].—Icy cold,[19].—Whole body icy cold,[34].—From time to time, transient shivering through the trunk, rather internal, without affecting other parts of the body,[4].—Pale and cold (after two hours),[83].—Surface of the body cold and clammy (in two hours),[69].—Skin cold,[23 28 36].—Skin cold and perspiring,[108].—Coldness of the whole body,[17].—Surface of body cold and clammy,[107].—[1050.] Shivering fit, preceded by vomiting, and followed by continued, but ineffective retching,[54].—Skin cold, particularly that of the extremities,[56].—Feet and forehead perfectly cold (in two hours),[69].—Face and hands cold,[78].—Extremities cold,[37 42 47], etc.—Extremities constantly cold,[21].—Extremities cold and nails livid,[108].—Extremities cold and cyanotic,[97].—The extremities and face became cold (after four hours),[94].—Hands and feet cold,[38].—***Heat.*** [1060.] Fever,[85].—Fever, with delirium and great excitement,[45].—High fever, with very small, rapid pulse,[64].—Excessive fever, with rapid, hard, small pulse,[45].—Great fever and chilliness, alternating with heat,[45].—Very high fever, with violent pain and swelling of the organs of deglutition,[57].—Five hours after taking the acid, fever came on, respiration became rapid, the skin hot, pulse 130, respiration very difficult, movements of the larynx as in croup, the face remained pale,[101].—Febrile symptoms,[25].—Febrile attacks from time to time,[23].—Excessive internal heat, with external chilliness, and great prostration,[24].—[1070.] Heat over the whole body, with a full, hard pulse; afterward, violent fever, with raving, after which the pulse became soft and small, then rapid, skin covered with cold sweat,[65].—Skin hot and dry,[47].—Excessive heat, extending from the throat along the back,[24].—Heat during or after dinner, with good appetite,[6].—Dry heat, in the evening after a journey of eight hours, with great thirst, till 7 o'clock, with burning in the eyes, and once also creeping chilliness (seventh day),[6].—Overpowering warmth of the body, with icy-cold hands,[3].—Great warmth over the whole body, in the evening after lying down (third day),[6].—Constantly feels more warm than

cold, while usually it was the reverse,[6].—Increased, even agreeable warmth over the whole body (second and third days),[6].—***Sweat.*** Profuse perspiration, in the morning (after twenty hours),[1].—[**1080.**] Sweat over the whole body, with scarcely perceptible pulse,[76].—Bathed in constant sweats,[54]. —Whole body covered with watery sweat,[58].—She perspired greatly, while sitting, especially on the upper part of the body,[1].—Perspiration is easily excited during the day,[3].—Inclined to perspire on every motion,[1].—Cold perspiration, especially on the forehead and face, and also on the rest of the body, immediately on taking anything warm,[5].—Cold sweat,[58].—Skin clammy and cold,[109].—Cold sweat on the forehead,[42].—[**1090.**] Sour sweat, in the morning, followed by hoarseness,[1].

Conditions.—**Aggravation.**—(*Morning*), Dull and gloomy mood; on waking, peevishness; dulness and heaviness of head; pain in head; on walking, sensation of foreign body in eye; eyes agglutinated; dimness of vision; rumbling about umbilicus; in bed, anxious feeling in abdomen; forcing outward in inguinal region; loose cough; oppression of chest; stiffness of back; in bed, tearing in varicose veins on right thigh.—(*Afternoon*), Vertigo; toward evening, tearing in right temple.—(*Evening*), Drawing headache; tearing and sticking in right side of forehead; roaring in ears; after lying down, toothache; clawing in stomach; rumbling about umbilicus.—(*Night*), During menses, tearing in left eyetooth; hiccough; griping in abdomen; oppressed breathing; after midnight itching of eruption on hands.—(*Open air*), Pain in eyeball; cough; the symptoms.—(*Coffee*), Weakness and trembling.—(*After coition*), Burning in urethra.—(*Cold*), Toothache.—(*After dinner*), The symptoms.—(*After drinking*), Hiccough.—(*After eating*), Qualmishness; discomfort in stomach; vomiting; colic; weakness.—(*Going into house from open air*), Stitches in sternum.—(*In the house*), Vertigo.—(*Inspiration*), Stitch in left flank; stitches in right and left chest.—(*Leaning to right side*), Stitch in left hypochondrium.—(*Looking intently*), Pressure in eyeball.—(*During menses*), Thirst and dry tongue; stitches in abdomen and vagina; tearing in limbs.—(*Motion*), Stitches in left side of lower abdomen; pain in back.—(*External pressure*), Pain in larynx.—(*Rising from stooping*), Pain in right side of head.—(*While sitting*), Vertigo; confusion in right side of forehead; burning in hypochondria; pain in small of back; pain in calves.—(*Standing*), Pain in vertex; pain in small of back; weakness of knees.—(*During stool*), Griping in abdomen.—(*Stooping*), Pain in back.—(*Swallowing*), Pain in throat; sore throat; sticking in side of throat.—(*Talking*), Pain along throat; pain in larynx; stitch in left side.—(*Turning body*), Pain in throat. —(*After vomiting*), Thirst.—(*Walking*), Pain under left arm; falling asleep of left leg; stiffness of ankles.—(*Walking in open air*), Stitches in head; cutting in umbilical region.—(*Cold water*), Tearing beneath nail of index finger.—(*Cold wet weather*), Sufferings.

Amelioration.—(*Open air*), Vertigo; weariness, with headache in the forehead; pressure on chest.—(*Pressure*), Tearing and sticking in right side of forehead; pain in epigastrium; stitch in left hypochondrium.—(*Holding hands toward head*), Pain in occiput.—(*Rubbing*), Tearing in thigh.—(*Vomiting*), Pressure and pains in epigastric region.—(*Warmth*), Toothache.

SULPHUROUS ACID.

Acidum sulfurosum, SO_2.

Authority. James Braid, Edinb. Med. and Surg. Journ., vol. 13, 1817, p. 353, effects on workmen in mines from air contaminated with Sulphurous acid gas.

Mind.—Most of them were quite furious; some were disposed to fight; others, supposing every one they saw disposed to lay hands on them, made efforts, under the most extreme terror, to escape; others, quite listless, appeared to take no notice of what was going on around them; some were singing and some praying; many were as if intoxicated with ardent spirits. Those who had seen them in that state, assured me their actions were very much the same.—Great anxiety.

Head.—Became giddy, lost all recollection, and were affected as if they had taken a large dose of ardent spirits.—Violent pain and beating in the head, with ringing in the ears.—Most complained of insufferable headache, which was somewhat relieved after vomiting.

Ears.—Ringing in the ears, with pain in the head.

Stomach.—Many vomited, and others had an inclination, but could not do so.

Stool.—Some evacuated the contents of the rectum, and others had the desire, without effect.

Respiratory Organs.—A difficulty of breathing, and frequent involuntary deep inspirations.

Heart and Pulse.—[**10.**] Heart palpitated violently.—The pulse was different, in some remarkably quick and feeble, in others slow, feeble, and irregular.

Inferior Extremities.—Inferior extremities weak and very painful immediately above the knees.

SUMBUL.

Ferula sumbul, Hook, f. (Bot. Mag., 1875).

Natural order, Umbelliferæ.

Common name, Sumbul (Persian and Arabic).

Preparation, Tincture of the root.

Authorities. **1**, Lembke, A. H. Z., 34, p. 273, repeated doses of 2 to 20 drops of 2d cent. dil.; **2**, same, 10 drops of 6th dil. at one dose; **3**, Mr. H. Cattell, Brit. Journ. of Hom., vol. 9, 1852, p. 256, began, August 1st, with 10 drops of mother tincture of root at night, 20 grains in the morning; no symptoms for one or two days; $\frac{1}{2}$ ounce night and morning, and then every four hours; afterwards the dose was divided into 2 drops every hour, then $\frac{1}{2}$ ounce of 1st dil.; mother tincture, $\frac{1}{2}$ ounce, in 2-ounce doses, night (eleventh day); $\frac{2}{15}$ at night (twenty-ninth and thirtieth days); 5 drops, fasting, in the morning; 5 drops of tincture, fasting, at night (fortieth day); 5 drops of tincture, fasting, in the morning and at 10 P.M. (forty-first day); same in morning and at night, fasting (forty-second day); $\frac{5}{5}$, then $\frac{3}{5}$, $\frac{5}{5}$; after 10 P.M., $\frac{3}{5}$, $\frac{5}{5}$, fasting (forty-third day); $\frac{5}{5}$ noon, medicine discontinued (forty-fourth day); took Spig. $\frac{3}{3}$ in nine doses, $\frac{1}{8}$ three times a day (sixty-first day); Spig. $\frac{1}{12}$, night and morning, six doses (sixty-seventh day); Sumb. $\frac{1}{2}$ (one hundred and sixty-ninth day); Merc. $\frac{1}{5}$, without effect

(one hundred and seventy-second day); Thuja 1, in water, a tablespoonful every hour (one hundred and seventy-fourth day); Phos. ac. $\frac{1}{3}$, $\frac{1}{6}$, alternately with Thuja, every three hours (one hundred and seventy-sixth day); Nitr. ac. 1, in water, every four hours (one hundred and seventy-eighth day); Nitr. ac. in water (one hundred and eightieth day); Nitr. ac. night and morning (one hundred and eighty-third day); the symptoms in this group are probably some of them due to the remedies used (Nitr. ac. and Thuja), and are therefore of secondary value (one hundred and ninety-second day); **4**, A. M. T., a woman, æt. twenty, dose 3 φ at night; $\frac{3}{2}$ morning, from September 8th, at night; September 22d, dose, at night, gtt. $\frac{1}{8}$ trit.; morning, $\frac{3}{4}$ from trit.; September 30th, medicine discontinued; **5**, Murawjew, Med. Zeit. Russ., 1853 (Hierschel's Archiv, vol. 1, p. 241), 20 to 30 drops of tincture of the resin and decoction of Sulphur several times a day; 6 to 13, from Dr. Altchul, in "a small work" (Brit. Journ. of Hom., vol. 11, 1853, p. 678); **6**, Dr. Altschul, subject to rheumatic affections and catarrhal diarrhœas, especially if he gets his feet wet, took 10 drops of mother tincture in distilled water; tincture prepared by macerating a drachm of Rad. sumbul in 1 ounce of alcohol twenty-four hours, at a temperature of 18° R., then pressing fluid out of root and filtering; an aqua destillata was prepared by putting 1 part of root in 12 parts of water, letting it macerate twelve hours, and distilling a fourth part of it; **6** *a*, same, ten days later, took 20 drops of tincture, with same symptoms as before, and additional ones; **7**, Mr. K. Fahrn, æt. forty-two years, took 10 drops of mother tincture; **8**, Mr. Sowornoradt, æt. twenty-two years, thin, nervous, pale, took 6 drops of tincture; **9**, W. A. Kalmus, æt. twenty-one years, in robust health, took 8 drops of tincture in $\frac{1}{2}$ ounce of distilled water; **9** *a*, same, made an infusion of 1 ounce of Sumbul in a pint of water and poured it into the water when he was taking a bath; **9** *b*, same, swallowed an infusion of 1 drachm of root in $1\frac{1}{2}$ pints of water; **9** *c*, same, chewed the root and swallowed the saliva; **9** *d*, same, used same dose as a decoction; **9** *e*, same, took 12 drops of mother tincture; **9** *f*, same, took 1 scruple of tincture in $\frac{1}{2}$ ounce of distilled water, in the afternoon; **10**, a friend of Mr. Kalmus made an infusion of 1 ounce of Sumbul in 1 pint of water and poured it into the water when taking a bath; **11**, Dr. Altschul and Mr. Kalmus, each took 20 grains of powder of root and had same symptoms as before, but in a greater degree; **12**, B. Fischer, æt. seventeen years, of unimpaired health, except diarrhœa, to which he is subject when he gets his feet wet, took, in the morning, fasting, 8 drops of tincture in $\frac{1}{2}$ ounce of distilled water; **13**, a lady, æt. thirty-two years, subject to hysteria, frequently ill, took 10 drops of tincture; **14**, symptoms by Englemann, as quoted by Hencke, Supplement to A. H. Z., vol. 55, 1858, No. 4, provings of tincture and 3d dec. dil.; **15**, omitted; **16**, Mr. J. Morgan, in Med. Press and Circular, as quoted in Med. and Surg. Reporter, No. 886 (Am. Hom. Obs., vol. 11, 1874, 416), a young man took $\frac{1}{2}$ ounce of tincture during the night.

Mind.—Humor excited and cheerful,[12].—More cheerful in humor and more disposed for intellectual occupation; he felt in the happy enthusiastic state of mind that accompanies the consciousness of having performed a noble deed; this sort of medicinal intoxication went away in a few hours,[6]. —Very cheerful,[7].—Cheerful humor,[9f].—Dull humor, though he was usually cheerful,[9].—Anxiety,[5].—Easily frightened,[1].—Melancholy; no desire for labor, even intellectual, in the evening (twelfth day); mirthful, witty, inclined to gayety; continued smiling; calm, contented; amorous; fond

of the society of women; cannot feel compassion (fifteenth day); mirthfulness and smiling; nothing disturbs (sixteenth day); mirthfulness, smiling, good-humor, wittily inclined; sympathy with suffering seems robbed of its pain (eighteenth day); fit of hysterical laughter and tears (twenty-second day); tranquillity, indolent, good-humor, mirthfulness (twenty-fourth day); clearness of intellect, especially in evening (twenty-fifth day); vivacity, hastiness; intellect very clear, in the evening (twenty-sixth day); intellect clear, in the evening (twenty-seventh day); nervous excitement and heat, especially in head from listening to a disputation, in the evening (twenty-eighth day); humor fidgety, nervous excitability; cannot continue reading, restless; irritability and agitation from harsh music, in the evening (twenty-ninth day); anxious activity, with physical weakness and debility; nervous excitability; restlessness whilst reading (thirtieth day); intellect clear, in the evening (thirty-second, thirty-third, and thirty-fourth days); mistakes in writing; mild, good-humored, excitable (thirty-fourth day); *intellect dull, in the morning; clear, in the evening;* humor merry, smiling (forty-first day); irritability, in the afternoon and evening (forty-eighth day); disposition mild, amiable, smiling (forty-ninth day); nervous excitability; humor depressed, with despair of the future (fiftieth day); humor became cheerful and happy again this morning (fifty-first day); excitability; easily depressed; easily roused into a passion; sensation as if the least provocation would enrage, with merry cheerful humor; the sensation of excitability is accompanied by fulness in temples and forehead and cerebellum, especially on left side, with pulsations in neck on left side, below the ear, in the evening (fifty-second day); *frequent mistakes in writing and summing;* one letter or figure is found written for another, even in simple words, and especially in common arithmetical operations, for many days past (fifty-third day); humor (since the fifty-fifth day excessively touchy) irritable, peevish, and sad, as if overburdened with cares and harassed; melancholy despondency, as if ill-treated by every one purposely, alternately with cheerfulness, mirth, and smiling (*reaction?*), (fifty-ninth day); humor disagreeable (sixty-first day); continued mistakes in letters and figures (sixty-first day); *inability to study* (one hundred and sixty-ninth day); mildness, amiability, except during the pains; extremely irritable during the pains, while walking or during any exertion (one hundred and seventy-third day); cheerfulness, except during the agony of the pains, to which all the system seems to contribute (one hundred and seventy-fifth day); very cheerful, in the evening (one hundred and seventy-sixth day); nervous excitability and weakness; susceptibility to emotional impressions and fear of vertigo (one hundred and seventy-eighth day); mild cheerfulness, amiability (one hundred and seventy-ninth day); clearness of intellect, in the evening, but reading fatigues (one hundred and eighty-third day); cheerfulness; listlessness; no desire for mental labor (one hundred and ninety-second day),[3].—Humor at times cross (slightly), (tenth day),[4].—[10.] Great activity of mind,[14].—The thinking faculty was somewhat disturbed next morning,[6].

Head.—Confusion and Vertigo. Confusion of the head,[9].—He felt confused during the next day, but in the afternoon became more overwhelmed, having a great tendency to snore, and did so while quite awake,[16].—Slight confusion in the head, with moderate pressing and contractive pain in the left half of the forehead (after ten minutes); the turgescence towards the head lasted scarcely half an hour,[6].—Slight confusion, accompanied by a feeling of contraction in the forehead (soon), lasting half an

hour, disappearing after eructations,[7].—Dull confusion in left frontal region (one hundred and eightieth day),[3].—Dull empty confusion in left frontal region and over left eye; reading fatigues; incapacity for prolonged attention; at times, chiefly in the evening, clear intellect, especially in the warmth; head worse in the morning, even on rising; *clearer of an evening and in the warmth* (one hundred and eighty-first day),[3].—Vertigo,[14].—Slight vertigo, of short duration,[8].—[**20.**] Vertigo on stooping and from using warm water; inability to stoop from vertigo, in the evening (seventeenth day),[3].—Reeling vertigo when rising from a seat and while lying,[14].—Giddiness on stooping (thirtieth day),[3].—Giddiness on rising from a seat, on stooping, on moving about; feeling of *want of security*, as if in imminent danger of reeling, or of having a fit whilst moving or standing, relieved by holding on to some object for safety, worse after 6 P.M. (one hundred and ninety-second day),[3].—***General Head.*** Dulness of the head,[14].—Dulness of the head, especially in the forehead,[1].—Dulness of the head, especially in the forehead and occiput, with sensation of fulness,[1].—Dulness and confusion in the head, especially in the forehead (first day),[2].—Head freer than usual (first day),[2].—Heaviness in head and forehead (nineteenth day),[3]. —[**30.**] Heaviness in the head (thirty-second day),[3].—Dull heaviness and tension in cerebellum (one hundred and eighty-third day),[3].—Headache,[5]. —Slight headache,[9f].—Headache; tensive aching pain over eyes and in forehead, especially left temple, at 6 P.M. and in the evening (thirty-sixth day),[3].—Tensive pains and heat in cerebellum, worse on left side, in the evening (one hundred and eighty-third day),[3].—Dull pain and tensive fulness in head, increasing at 6 P.M. (fourteenth day),[3].—Fulness in head and its vessels, with sensation of dizziness, and oppressive fulness in the forehead and over eyes (seventh day),[3].—Fulness in head, especially forehead and cerebellum; oppressive fulness in forehead (eleventh day),[3].—Sunbeams affect the head, which feels full of blood; sensation of heat and uneasiness, with fulness, in cerebellum, extending to spinal cord; dulness in head; dizziness; inability to stoop from giddiness (twenty-fourth day),[3].—[**40.**] Ebullition of blood in the head, lightness, and exalted feeling (forty-sixth day),[3].—The blood seems circulating quickly in the head, especially on left side (fiftieth day),[3].—Uneasiness in left cerebellum, painful, with stiffness in the muscles adjoining, on moving the head; uneasiness, heat, lightness, and ebullition of blood, chiefly in forehead and cerebellum (fifty-third day),[3].—Occasional shooting pains from left cerebellum to left forehead (one hundred and ninety-second day),[3].—Sensation of slightly benumbing constriction in brain, as if contracted, in the morning (sixth day),[3].—During catamenia, pains around the head, from cerebellum to frontal region (eighth day),[4].—*Cold in the head, worse in the morning* (nineteenth day),[3]. —Cold in the head (thirty-third day),[3].—***Forehead.*** Dull cloudy confusion in left frontal region and over left eye (one hundred and sixty-ninth day),[3].—Dull confusion in left frontal region; reading fatigues, *worse in the morning* (one hundred and seventy-third day),[3].—[**50.**] Dull aching in left frontal region and over left eye (one hundred and seventy-third day),[3]. —Dull confusion in left forehead, especially over eye, at intervals, worse in morning (one hundred and seventy-fifth day),[3].—Dull confusion in left frontal region, with slight nausea and sleepiness, in the morning (one hundred and eighty-second day),[3].—Dull confused stupor in left frontal region, on rising in the morning, relieved by warmth (one hundred and eighty-third day),[3].—Dull pain, confused, in left frontal region (one hundred and ninety-second day),[3].—Heaviness and oppressive fulness in forehead (thirty-

third day),[3].—Oppressive fulness and heaviness in forehead and over eyes (ninth day),[3].—Fulness in forehead (thirtieth day),[3].—Pressure in the frontal region,[9 9d].—Dull pressure in the forehead, with confusion of the head (soon),[1].—[**60.**] Pressure in the left frontal eminence,[1].—Beating-pressive pain in the left frontal eminence, in a circumscribed spot (first day),[2].—Pressive oppression in forehead (eleventh day),[3].—Dull pain in forehead over eyes (sixteenth day),[3].—Oppressive dull pains in forehead (twenty-seventh and twenty-ninth days),[3].—Oppression in forehead (thirty-eighth day),[3].—Oppression in forehead, chiefly left temple, and nausea, at 11 P.M. (forty-eighth day),[3].—Oppression in the forehead and dull constriction over the head, chiefly from forehead to occiput; head heavy (forty-eighth day),[3].—Pain and heat in forehead (twelfth day),[3].—Pain in forehead, after dinner, dull (thirtieth day),[3].—[**70.**] Dull constrictive pain in forehead, on rising (thirty-second day),[3].—***Temples.*** Pain in the temples,[14].—Dull pain in temples (fourteenth day),[3].—Pain in left temple (thirty-third day),[3].—Dull pain in left temple (sixty-first day),[3].—Slight dull oppression on temples, especially the left, and over left eye (forty-ninth day),[3].—Dull compression from one temple to the other, with heat within the forehead and heaviness in the head (first day),[2].—With the sensation of excitability, fulness in temples and forehead and cerebellum, especially on left side, with pulsations in neck, on left side below the ear, in the evening (fifty-second day),[3].—Painful pulsation in left temple, at 7 P.M. (fifty-first day),[3].—***Vertex.*** Headache, excessive, all over top of head, extending to the eyebrows, like a very heavy weight (twenty-second and twenty-sixth days),[4].—[**80.**] Pressure in a small spot on the vertex (two hours after 2 drops),[1].—***Occiput.*** Slight pain in the occiput,[14].—***External Head.*** Round sore elevations of the cuticle on left parietal bone, painful when touched, dry, and coming off in dry scabs, at different times, chiefly in line over ear (sixteenth day),[3].—Slight contraction of the skin of the forehead (after five to ten minutes),[8].

Eye.—Objective. Sudden sensation of some foreign body in left eye, like grit or dust, which seems to diffuse itself over the eyeball and obscures the sight; eye cannot bear the light, 5 P.M., worse at 6 P.M.; lachrymation; it cannot be opened more than half way, as if eyelids were swollen, and very painful when closed, so as to disturb sleep (thirteenth day). Awoke at 5 A.M. with aching pain in left eye; the pressure of the closed eyelid very painful; red streaks across the cornea, towards external canthus; inflammation of conjunctiva of left eye, towards external canthus; sensation of some fixed grit or foreign sharp substance, which grates against the eyeball when turned outwards; aching pains in left eye, worse when moving it; eyeball cannot easily be turned outwards (fourteenth day),[3].—***Subjective.*** The eyes (especially the *left*, which had a sensation of a grit in *internal* canthus) very weak (sixty-seventh day),[3].—Aching in left eye from (artificial) light (nineteenth day),[3].—Stupefying pressure in the eyes, with transient dimness of vision (after ten minutes),[6].—The eyes seem too tight, with biting in the lids and blinking (first day),[2].—Eyes sensitive to light,[1].—***Brow.*** [**90.**] Twitchings in left eyebrow (eleventh day),[3].—***Lid.*** Biting in the left eyelids,[1].—***Vision.*** Dimness of vision,[14].—Transient dimness of sight,[11].—Slight obscuration of vision,[9e].—Impaired sight and flickering before the eyes (soon), lasting half an hour, disappearing after eructations; the vision was much better after the trial than it had been before,[7].—Eyes dull and sight indistinct (sixty-first day),[3].—Dizzy

wavering sensation before the eyes (after ten minutes),[6].—Quivering before the eyes,[5].—Swimming before the eyes (seventeenth day),[3].

Ear.—[**100.**] Loud singing and hissing in both ears (seventeenth day),[3]. —Singing (as of a kettle) in right ear, in the evening (thirty-third day),[3].

Nose.—Objective. Nose sore about edges, from cold aqueous coryza (twenty-first day),[3].—Alæ of nose sore, worse morning and towards night (fiftieth day),[3].—Swelling of left ala nasi (one hundred and ninety-second day),[3].—Sneezing (fifth and following days),[3].—Watery coryza (seventeenth day); coryza of yellow mucus; complete stuffing in the nose (eighteenth day); coryza; aqueous running from nose (nineteenth day); tenacious yellow mucus copiously formed in nose, worse in *left nostril;* nose dry towards the alæ (forty-second day); watery coryza, at 8 P.M. (forty-third day); thick whitish coryza and diminished smell, in the morning (forty-ninth day); watery coryza (fiftieth day); obstructing, yellow, gummy mucus in left nostril and root of nose, in posterior nares and throat (one hundred and ninety-second day),[3].—Repeated attacks of epistaxis,[5].—***Subjective.*** Stuffing in nose, at 8 P.M. (third day),[4].—Stuffing at root of nose (fifth day); stuffing in nose, with diminished smell (seventeenth day); stuffing in nose, *extending down its chamber, always worse half an hour after a dose* (twenty-eighth day); stuffing in nose, at 6 P.M. and in the evening (thirtieth day); stuffing in the nose and its chambers of thick bright-yellow gummy mucus, in the morning (thirty-first day); stuffing of yellow mucus in nose, the root, and chamber, extending down into throat; stuffing in nose, at 6 P.M. and in evening (thirty-second day); stuffing in nose of thick tenacious yellow mucus, at root of nose, and its chambers (thirty-third day); stuffing in nose and its chambers (thirty-fourth day); nose becomes stuffed at root and in chambers (thirty-sixth day); clogged sensation (fortieth day); *stuffing in nose* of yellow tenacious mucus, copious, obstinate, and continuous, on waking, increasing at 9 A.M. (forty-first day); stuffing in nose (forty-third day); stuffing in chambers of nose, extending down towards throat, in the morning; *nose stuffed* at root (forty-fifth day); stuffing in nose (forty-sixth and forty-seventh days); Camphor, by olfaction, speedily removed the *stuffing at the nose*, and as this was a well-marked symptom, it served as an index which called my attention to the action of different potencies; occasionally after taking the mother tincture, and the voice and nose being perfectly clear and free, the one almost immediately became husky or hoarse, and the other, with the throat, was obstructed with mucus; if the symptoms were present, a corresponding aggravation took place; after the 3d, this occurred after a slight interval, which again was prolonged after the 5th, till, at the 15th potency, it did not appear for half an hour, or even much more, and was proportionately *less intense*,[3].—Mucous membrane seems irritable, as on taking cold; sensation of clammy dryness in the mouth, extending all through it (one hundred and seventy-seventh day),[3].—[**110.**] Teasing tickling in the nose, that troubled him three times during the day,[9c].—Picking the nose (forty-ninth day),[3].—Itching, at intervals, inside point of nose (forty-third day),[3].—Itching inside nose, at tip, in the evening (forty-fourth day),[3].—Itching inside nose at point; thrusting of the finger into the nose (forty-eighth day),[3].—***Smell.*** Loss of smell (nineteenth and thirty-third days),[3].

Face.—Objective. Painful expression of face; face very pale, with very numerous black pores (one hundred and seventy-third day),[3].—Face pale, very thin (thirtieth day),[3].—***Subjective.*** Cramplike pain in both masseter muscles, at noon and in the afternoon, with stiffness on moving

the jaw and pain in the meatus auditorius,[14].—Sensation of a drop of cold water trickling for half an inch occasionally just above zygoma, left side (sixty-first day),[3].—[120.] Sensation as of cobwebs being moved over different parts, first of cerebellum and then over face (seventeenth day),[3].—Sensation of cobwebs moving over face, at 10 P.M., in bed (twenty-fourth day),[3].—Sensation as if skin of face were tightened (eighteenth day),[3].—***Lips.*** Swelling of the upper lip, of the gums,[9f].—Dryness and heat of lips and mouth (nineteenth day),[3].—***Jaw.*** Sensation of partial dislocation of lower jaw, forward, on left side (one hundred and seventy-ninth day),[3].

Mouth.—Teeth. Shooting pain in first upper molar of left side, extending into cheek (twenty-third day),[3].—Shooting pain in first lower molar, left side, in the morning (twenty-fourth day),[3].—***Tongue.*** Tongue coated dirty yellow (first day),[2].—Tongue covered with moist brown coating (ninth day); light-brown coating on tongue; tongue feels rough, as if scraped (eleventh day); tongue covered with brown coating, in morning (on awaking), (twelfth day); heat in tongue and throat and in stomach (fourteenth day); tongue white, with slight brown crust in centre and at back, in the morning (fifteenth day); tongue white and brown streak down the middle, wider at back, in the morning (seventeenth day); tongue white, with slight brown in centre and at back, in the morning; tongue rather flabby, pitted with the impress of the teeth on its edges;† papillæ at apex enlarged; papillæ conicæ and filiformæ slightly enlarged, coated white, with brown crust at back (nineteenth day); tongue white, with brown crust at back (twenty-second day); tongue dirty brown at back, in the morning (twenty-third day); tongue elongated, red (thirty-first day); tongue white, elongated, in the morning (thirty-second day); tongue covered with moist brown coating; papillæ red, enlarged, in the morning (thirty-fourth day); tongue covered with moist brown coating on awaking; papillæ red and raised (thirty-sixth and thirty-eighth days); tongue glazed (fortieth day); tongue coated white, rough (forty-eighth day); tongue coated moist brown, in morning; becomes red and elongated, and the papillæ like deep red spots, with wedge-shaped brown crust at back, towards evening (fifty-second day),[3].—***General Mouth.*** [130.] Flat odor from the mouth (first day),[2].—Breath at times hot to the hand, offensive (nineteenth day),[3].—Breath hot and balmy in mouth, hot to hand and to the lips, in expiration from the nose (twenty-eighth day),[3].—Breath feels hot (forty-first day),[3].—Breath feels hot, in the evening (twelfth day),[3].—Breath offensive (twenty-first, one hundred and seventy-first, one hundred and seventy-fifth, and other days),[3].—Breath very offensive, and disagreeable odor from the body, tainting the clothes (one hundred and ninety-second day),[3].—Dryness in mouth and throat; no thirst (eighteenth day),[3].—***Saliva.*** Salivation,[1].—(Frothy saliva and difficult speech, on account of difficult mobility of the tongue),[14].—[140.] Watery saliva, with pressure in the stomach,[1].—Much thin tasteless saliva,[1].—Salivation and chilliness (first day),[2].—Saliva increased, 7 P.M. (twelfth day),[3].—Copious secretion of saliva (fortieth day),[3].—Watery, increased saliva and frequent swallowing (fortieth day),[3].—Increased watery saliva and frequent swallowing (forty-fifth day),[3].—Increased saliva; constant swallowing (forty-seventh day),[3].—Increased saliva (fifty-second day),[3].—***Taste.*** Taste clammy (eighteenth day),[3].—[150.] Taste deficient (nineteenth day),[3].—Eats without relish,[14].—Want of relish for animal diet and stout (ninth day),[3].—Want of relish and taste clammy (eleventh day),[3].—

† As in collapse, fever, small-pox, etc.

No relish for food (eighteenth day),[3].—No relish for stout (thirty-third and thirty-fourth days),[3].—Want of relish for food and beer, which tastes flat and insipid and heavy (forty-fifth day),[3].—Diminished relish (one hundred and seventy-fifth day),[3].—Distaste to meat; pastry disagrees (one hundred and seventy-ninth day),[3].—Taste of horse-chestnuts, at night (half an hour after dose $\frac{2}{12}$th), (twenty-ninth and thirtieth days),[3].—[160.] Want of taste; taste clammy, at noon, with eructations and taste of food (herring) many hours (eight) after eating (twenty-ninth day),[3].—Taste of bread, at 7.30 P.M. (thirty-third day),[3].—Mawkish taste; diminished relish (one hundred and seventy-fourth day),[3].

Throat.—Phlegm in throat (ninth day),[3].—Tenacious mucus in throat (fifth day),[3].—Tenacious mucus in throat of sweetish taste (nineteenth day),[3].—Tenacious mucus, sweet tasting, in throat, causing hawking, but without detaching it upwards (twentieth day),[3].—Tenacious mucus in throat, greenish (twenty-second day),[3].—Tenacious obstructing mucus in throat, with hoarseness (twenty-sixth day),[3].—Obstructing mucus in throat (thirty-second day),[3].—[170.] Tenacious mucus in throat, in the morning (thirty-fifth, thirty-seventh, and forty-first days),[3].—Tenacious obstructing mucus in throat, and increased saliva, with frequent swallowing (forty-second day),[3].—Tenacious sweet mucus in the throat (forty-third day),[3].—Obstructing mucus in throat (forty-fifth day),[3].—Erosion, burning heat, and rawness in the throat, with phlegm (tenacious mucus), (eleventh day),[3].—Heat in throat, in the evening (twelfth day),[3].—Heat in throat, which makes breath hot, like warm balmy air (twenty-eighth day),[3].—Harshness, roughness, and slight tickling in throat (seventeenth day),[3].—Rawness in the throat, in the evening (forty-seventh day),[3].—Hoarseness and rawness in throat, towards night (forty-eighth day),[3].—[180.] Soreness and rawness in the throat (fifteenth day),[3].—Soreness, as of excoriation, in upper part of throat, on left side near tonsil, painful when speaking, at noon (twenty-sixth day),[3].—Soreness, as of excoriation, in throat and upper part, and back of mouth, left side, at noon (twenty-seventh and thirtieth days),[3].—Scratching in the throat,[6a].—Scraping in the throat, as if sore,[14].—Tickling in throat (nineteenth day),[3].—Tickling in throat inciting to cough, at 6 P.M. (twenty-ninth day),[3].—***Fauces and Œsophagus.*** Stitches in the fauces, with a sensation of rawness and soreness, not on swallowing saliva (first day),[2].—Awake at 4 A.M., with constriction at the top of the gullet, constant swallowing, obstructing mucus in throat and mouth, tenacious and thick; attempts to clear the throat by a sound like croup; the breathing is impeded, but better when lying on the back; sensation as if a film were formed around the top of the gullet; choking constriction; chest on left side feels loaded and oppressed (forty-eighth day),[2].—The symptom of dryness of the œsophagus was transient,[6a].—***Swallowing.*** [190.] Constant want to swallow, with accumulation of tenacious mucus in throat, and increased saliva, in the morning (thirty-first day),[3].—Constant swallowing (thirty-third day); at 9 A.M. (thirty-sixth day),[3].—Slight swelling of left parotids, and sensation of partial dislocation forwards of left temporo-maxillary joint (one hundred and seventy-eighth day),[3].

Stomach.—Appetite and Thirst. Appetite increased,[9f 11 14].—Appetite increased; the dinner was eaten with great relish,[6].—Very great hunger (first and second day),[2].—Appetite great, without thirst (eleventh day); appetite variable; large at one meal, absent at the next, without relish (twentieth day); appetite deficient, especially for animal food (twenty-ninth day); great appetite (for bread) (thirtieth day);

appetite good (thirty-third day); appetite great, at 6 P.M. (thirty-fifth day); no desire for animal food or beer, little appetite at dinner (forty-fourth day); want of appetite for meat (one hundred and sixty-ninth day); good appetite, except for meat (one hundred and seventy-fourth day); appetite good, chiefly for farinaceous food (one hundred and seventy-fifth day); appetite for farinaceous food; distaste to meat (one hundred and seventy-seventh day),[3].—Disgust and nausea,[9d].—***Thirst.*** Thirst for wine, in the evening (twentieth day); thirst for stimulants, especially wine, in the evening (twenty-first day); desire for wine (twenty-second day); thirst for stimulants, in the evening; wine tastes very agreeable, but does not satisfy or allay the desire (twenty-third day); desire for wine (twenty-seventh day); slight desire for wine, in the evening (thirty-first day); thirst for stimulants (thirty-third day); thirst for wine; it tastes very agreeable, whilst stout tastes heavy, and leaves a clammy, insipid aftertaste, as if flat, and is not relished (forty-first day); no thirst (one hundred and seventy-fourth, one hundred and seventy-fifth, one hundred and seventy-seventh, and one hundred and seventy-ninth days),[3].—Feverish dryness, external and internal (one hundred and seventy-seventh day),[3].—[**200.**] Sensation of feverish dryness, without thirst (one hundred and seventy-ninth day),[3].—***Eructations.*** Eructation,[9a 9f].—Empty eructations,[1].—Empty, tasteless eructations,[1].—Frequent empty eructations (first day),[2].—Empty eructations; also several times before the stool (first day),[2].—Many empty eructations, with almost constant desire to urinate (first day),[2].—Frequent empty eructations,[1].—Eructations, with rumbling and twisting in the intestines, transient,[14].—Eructations, with musk odor,[11]; (after five minutes),[12]; (after half an hour),[7].—[**210.**] Eructations, with the odor of musk, immediately, lasting for a quarter of an hour incessantly, then interruptedly for an hour, when they went off,[9].—Violent eructations, with the taste of musk, that lasted an hour,[5].—Eructations, with a distinct musk smell (soon),[6].—Eructations of wind (twelfth day); eructations, with taste of bread, at 7 P.M. (twenty-ninth day); eructations of wind (thirty-eighth day); eructations of wind, at 11 P.M. (fortieth day); eructations of wind, at 11.30 A.M., with taste of last food (bread), (forty-first day); eructations of wind and pyrosis, with taste of last food (bread), (forty-first day); eructations of wind, at 11.30 P.M. (forty-eighth day); after beer, eructations and slight burning pyrosis, with taste of beer, at 4 and 10 P.M. (fiftieth day),[3].—***Hiccough and Heartburn.*** Hiccough, with cough, at intervals (fifty-ninth day),[3].—Stout at dinner, followed by pyrosis (thirty-eighth day),[3].—***Nausea and Vomiting.*** Nausea (after five minutes),[12].—Nausea and salivation,[1].—Nausea all day (twenty-ninth day),[3].—Nauseous feeling in throat, 3 to 5 P.M. (thirty-eighth day),[3].—[**220.**] Nausea and oppression in forehead, at 11 P.M. (forty-eighth day),[3].—Slight nausea, with the confusion in the head and sleepiness, in the morning (one hundred and eighty-second day),[3].—Slight nausea in throat (one hundred and eighty-third day),[3].—Bilious vomiting,[5].—***Stomach.*** Increased assimilation and appetite,[3].—Feeling of emptiness of the stomach, followed by bulimia, demanding immediate satisfaction (after ten minutes),[12].—Pains in the stomach or intestines,[5].—Pain, as of a knife, in stomach, at 4 P.M. (eighth day),[4].—Tensive pains over stomach, cardiac end, and through left breast (thirty-fifth day),[3].—Pressure in the pit of the stomach,[5].—[**230.**] Pressure in the stomach, with rumbling,[1].—At times pressure between the stomach and navel, aggravated by pressure, feeling of fulness in the epigastric region (second day),[2].—Dull pressure deep in the pit of the stomach, with a sen-

sation of anxiety, followed by rumbling (first day),[2].—Pressive colic in the epigastric region (first day),[2].—Shooting pains in cardiac end of stomach (left hypochondrium), (twenty-ninth day),[3].—Slight *shootings* in cardiac end of stomach, in the evening (thirty-fifth day),[3].—Burning, dry heat in stomach rising into throat (eleventh day),[3].—In stomach and bowels a pleasant warmth, which lasted an hour and a half, after the eructations,[7].

Abdomen.—Hypochondria. Shootings in right hypochondrium (fourth day),[3].—Shootings in the right hypochondrium, while walking in the evening (twelfth day),[3].—[**240.**] Shootings, tensive pains in lower right hypochondrium (nineteenth day),[3].—***Umbilicus and Sides.*** Pain in the umbilical region, and drawing in of the abdomen, even on gentle pressure with the hand,[1].—Bubbling in the left side of the abdomen (first day),[2].—***General Abdomen.*** Abdomen flabby, doughy (first day),[2].—Distension of the abdomen, with some sensitiveness deep in the umbilical region, aggravated by drawing in the walls of the abdomen (first day),[2].—Abdomen full and distended, with sensation of heaviness (thirtieth day),[3].—Abdomen very distended, heavy (not hard), (thirty-second day),[3].—Abdomen full, distended (thirty-fourth day),[3].—Abdomen hard and heavy (fortieth day),[3].—Abdomen heavy and inflated; sensation of bloatedness, puffy fulness, extending as high as the sternum; uncomfortable, especially on stooping or lifting the leg (forty-third day),[3].—[**250.**] Emission of flatus (nineteenth and following days),[3].—Emission of hot, offensive flatus (sixteenth day),[3].—Emission of fetid flatus (ninth and thirty-eighth days),[3].—Emission of much flatus (thirty-fifth day),[3].—Rumbling in the abdomen,[1].—Rumbling and gurgling in the intestines,[14].—Frequent bubbling in the abdomen (first day),[2].—Borborygmi,[3 5].—Occasional noise in the bowels, as if from the generation of flatulence there,[9].—Increased secretion from the mucous membrane of the intestinal canal,[5].—[**260.**] Sensation of fulness and heaviness in the abdomen (eleventh day),[3].—Pains in the abdomen, as if from a knife (twenty-sixth day),[4].—Forcing-down pains, commotion in intestines and sickliness, especially in left abdomen (twenty-fifth day),[3].—Dry heat in abdomen, which flushes to the skin (ninth day),[3].—Heat in the abdomen under the navel, feverish heat in abdomen and stomach, whence it rises into the throat and head, and flushes to the skin, which becomes moist (tenth day),[3].—Pinching in the bowels (after ten minutes),[12].—Sensation of diarrhœa in the abdomen (first day),[2].—Sensation of approaching diarrhœa, pains in abdomen, lower part (thirty-fifth day),[3].—***Hypogastrium and Iliac Region.*** Commotion and slight nauseating pain in left lower abdomen, as of approaching diarrhœa, without stool, in the morning (one hundred and eighty-second day),[3].—Gnawing pains in right hypogastric region, below last rib (seventh day),[3].—[**270.**] Gnawing pains in right hypogastric region (eleventh day),[3].—Gnawing pains in right hypogastric region, in the evening (twenty-ninth day),[3].—Slight gnawing pains in right hypogastric region, in the morning (thirty-second day),[3].—Tensive pain and gnawing in right hypogastric region, worse on a deep inspiration (thirty-fourth day),[3].—Gnawing pains in right hypogastric region, under last ribs, in the evening (forty-first day),[3].—Gnawing pains in right hypogastric region (forty-third day),[3].—Gnawing (biting) in right hypogastric region, under ribs (forty-fourth day),[3].—Gnawings in right hypogastric region, in the evening (forty-fifth day),[3].—Throbbing pains in right hypogastric region, in the evening (seventh day),[4].—Swelling of glands in left groin, with tenderness (one hundred and seventy-fourth day); more tender (one hundred and seventy-fifth day),[3].—[**280.**] Glands in left groin painful (one

hundred and seventy-sixth day),[3].—Commotion in left iliac region in intestines, as if of approaching liquid stool (one hundred and seventy-fifth day),[3].—Twitching pain in left iliac region (thirty-first day),[3].—Sickly pain in left iliac and inguinal regions, before the stool (twenty-fourth day),[3].

Rectum and Anus.—Rectum protrudes slightly, posteriorly, like a rim (one hundred and eighty-first day),[3].—Hæmorrhoids excited,[14].—Sensations as if the rectum protruded and the anus were not closed, after the stool (twenty-fourth day),[3].—Sensation of something moving in rectum, at 8 P.M. (thirty-second day),[3].—Something seems moving in rectum near anus (one hundred and seventy-fifth day),[3].—Bitings and sensation of something moving in rectum near anus, at night (forty-eighth day),[3].—[**290.**] Dull stitch in the lower portion of the rectum (first day),[2].—Sensation of rawness in anus, with the stool; pain and uneasiness, as if rectum protruded at anus, in the morning; uneasy dryness at anus, which does not seem closed; painful when walking (twenty-fifth day),[3].—Repeated desire for stool,[1].—Frequent inclination to stool, which is likely to be loose, without stool (sixty-first day),[3].—Inclination to stool,[1].

Stool.—Diarrhœa. Diarrhœa,[9b 9c].—Serous diarrhœa,[5].—Diarrhœic motions, whereas his natural habit was constipation; however, afterwards, constipation came on and continued several days,[5e].—Constipation two days; stool soft, preceded by flatus (fifth day); stool hard (seventh day); constipation for three days; stool large, slightly fetid (ninth day); constipation without desire to evacuate, as if from constriction of the anus (tenth day); stool soft, paplike; stool large, soft (eleventh day); constipation (seventeenth and eighteenth days); constipation (for nine days) without inclination (nineteenth day); stool, with great expulsive efforts, preceded by sickliness, commotion of intestines, and sickly pain in left iliac and inguinal regions, rather soft, very long, and thin, with sensations as if rectum protruded and anus were not closed, at 6 P.M. (twenty-fourth day); stool rather soft, passed suddenly, with sensation of rawness in anus (twenty-fifth day); stool passed with difficulty (after six days' constipation), in pieces, and gritty, at 7 P.M. (thirty-second day); stool rather soft, sudden, at 7 P.M. (thirty-fourth day); fetid, soft, abundant stool, in the afternoon (thirty-fifth day); constipation (thirty-eighth day); stool, preceded by tremor and cold clammy sweats and forcing, at 6 P.M. (fortieth day); stool at 2 P.M., with want from 9 A.M. (forty-third day); stool, in the afternoon (forty-fifth day); stool, at 9 A.M., hard, in lumps (forty-seventh day); slight stool, in hard pieces, at 9 A.M. (forty-eighth day); stool brown, rather soft, easy, with bitings in rectum, near anus, in the evening (forty-ninth day); stool, at 9 A.M., rather hard, in pieces, preceded and followed by perspiration and external heat (fifty-first day); stool hard, in lumps, at 9 A.M. (fifty-fourth day); stool loose, very fetid, in the morning (sixty-first day); stool hard, slight, and in lumps (one hundred and seventy-fifth day); constipation without desire to evacuate (one hundred and seventy-ninth day); stool, at 9 A.M., large and compact, preceded by commotion in left lower abdomen, as of approaching diarrhœa (one hundred and eightieth day); diarrhœa liquid, sudden, and abundant, preceded by faintness and sickness, as if about to vomit, at 6 P.M., preceded and followed by constipation (after plum jam and a quick walk?), (one hundred and ninety-second day),[3].—(Stool more copious than usual, at first hard, then soft, followed at last by some blood),[14].—[**300.**] Stool softer than usual,[1].—Stool thin, with much urging, burning, and biting in the anus and rectum, with painful tension in the tip of the penis, followed by discharge of mucus

from the anus,[1].—Thin stools, consisting at last of small bits of mucus, scanty, with much urging, and violent cutting at the orifice of the anus; a constant sensation as if another evacuation would follow, with erection, dribbling of urine, and almost involuntary contraction of the levator ani and sphincter ani,[1].—Thin scanty stool, followed by burning and cutting at the anus, and frequent chilliness through the back, with weakness,[1].—Stool very scanty, thin,[1].—Stool small and soft,[1].—Stool scanty, soft,[14].—Stool more scanty than usual (third day),[2].—Stool consisting of almost only empty urging, with much urine, soon followed by urgent desire for stool, with emission of some flatus, but no stool (first day),[2].—***Constipation.*** Constipation,[11].—[**310.**] Constipation lasting three days,[6a].—Constipation, for three days, with very good appetite,[14].—Constipated for a long time,[7].—Constipation; the stool became scanty and hard (after 15 drops, two weeks after the beginning of the proving),[1].†—He had a diarrhœa when he went into the bath; this was immediately checked, and his bowels became constipated for a couple of days,[10].—He was suffering when he began his proving from diarrhœa, brought on by cold, which was immediately arrested, and his bowels were constipated for two days,[8].—On the day he commenced the medicine he had diarrhœa, but that ceased after taking the Sumbul, and the contrary state, viz., constipation, came on, and lasted two days,[6].—Constipation for eleven days; stool passed with slight straining, compact, without lumps, rather soft, in the evening (twenty-first day),[3].

Urinary Organs.—Urethra. Stitches half an inch up urethra, in the morning (one hundred and seventy-ninth day),[3].—***Micturition and Urine.*** Frequent desire to urinate (first and third days),[2].—[**320.**] Very frequent desire to urinate, even immediately after urinating,[1].—Frequent desire to urinate, though nothing had been taken,[1].—Constant desire to urinate (half an hour after 20 drops),[1].—Constant desire to urinate and for stool,[1].—The ineffectual desire to urinate that had been almost constant for several hours became at last a constant pressure, and the urine had to be forcibly restrained (first day),[2].—Frequent ineffectual efforts to urinate, with a sensation as if a stool would soon come; cutting in the anus and coldness in the back,[1].—Frequent want to urinate, with sensation of the bladder being empty or nearly so, and small emission, in the evening (fortieth day); frequent want to urinate, with small quantity at a time; it forms a pellicle, oily, and thin; becomes thick and muddy at bottom; deposits a tenacious rosy sediment, adhering to the sides of the vessel (forty-second day); urine frequent, in small quantities (forty-third day); frequent want to urinate, in small quantities (every three or four hours), (forty-fourth day); increased want to urinate, in small quantities; a drop can be passed into the urethra singly, and this causes momentry relief at its extremity (one hundred and seventy-fourth day); frequent want to urinate (one hundred and seventy-fifth day),[3].—Urine increased in amount (after 15 drops),[1].—Frequent evacuation of scanty turbid urine,[5].—Diminished secretion of urine,[14].—[**330.**] Urine much more scanty than usual, in the afternoon (first day),[2].—Secretion of urine notably diminished, and had a strong ammoniacal odor (first day),[6].—Urine passes clear, quickly, painless, and free, bright reddish yellow; feels hot in its passage through glans; after some time, the cloudy white floating appearance, disturbed, is seen at bottom; urine clear when passed, with white small shreds floating; after some hours, there forms near the bottom a white cloud floating, easily disturbed,

† Probably the secondary action.—T. F. A.

in which the shreds appear like white spots; white sediment passes freely and painless, but feels hot to glans (nineteenth day); urine clear, yellowish red; cloudy floating appearance forms in the bottom; oily pellicle on the surface (twenty-fifth day); urine clear, yellowish red, with small white floating shredlike particles, which, after a time, fall into the cloudy appearance at bottom, like white spots; whitish sediment (twenty-seventh day); urine clear, with few white floating particles; deposits a reddish-brown sediment, thick, and muddy, with oily pellicle (twenty-eighth day); urine clear last night, with white shreds; after standing, becomes thick and muddy at bottom, and deposits a rosy-pink sediment, which clings to the vessel when shaken about; oily pellicle (thirtieth day); urine clear, deposits a whitish sediment, which adheres to the vessel when moved about (thirty-first day); urine deposits whitish cloud, covered with oily pellicle (thirty-third day); urine clear, plentiful; shreds few; slight cloudy sediment (thirty-sixth day); urine clear, passed last night; deposits a thick muddy white sediment and is thick (fortieth day); urine clear, yellow, passed in small quantities, and deposits a rosy sediment, which adheres to the vessel; urine thick and muddy, clear on the surface, with thin oily pellicle (forty-fifth day); urine reddish brown, clear; forms slight white cloud at bottom (forty-sixth day); urine reddish brown, clear, with slight white cloud (forty-seventh day); urine (passed last night) clear, reddish brown; white, light, cloudy sediment; urine brownish red, with light small cloud at bottom (forty-eighth day); urine reddish brown; forms a copious oily pellicle, which, on being moved, adheres to the side of the vessel; has a rosy coating, and deposits a rosy sediment (fifty-first day); urine reddish brown; becomes covered with an oily pellicle, and deposits a rosy sediment, which, on shaking the vessel, is found adhering to its sides (fifty-fifth day); urine becomes thick on standing (one hundred and seventy-first day); urine, after standing, is thick and muddy (one hundred and seventy-fifth day); urine passed clear, without smarting, and deposits, after standing, a whitish thick cloud, in the evening (one hundred and seventy-seventh day); urine, after standing, becomes cloudy, whitish (one hundred and eighty-third day); urine clear, deep red, becomes very muddy; urine becomes thick on standing (one hundred and ninety-second day),[3].

Sexual Organs.—Male. Itching in genitals, with increased desire (fourth day),[3].—Itching in prepuce (sixth day); heat and burning sensation in genitals, at 6 P.M.; at 8 P.M., chiefly in perinæum, between the thighs and glans penis. Increased sexual desire; abundance of amorous ideas. Soreness of extremity of penis from friction of the clothes in walking. Glans penis and lining membrane of prepuce painful and irritable; tingling in glans penis; left scrotum hot and inflamed; skin in places excoriated, leaving a bright-red surface beneath. Shooting pains and sensation of great heat in left testis, and burning pain. Erythema of scrotum on left side, exactly to raphé, and of glans and lining membrane of prepuce; redundant secretion of smegma behind glans, near frænum (fifteenth day); burning tinglings in glans penis; prepuce and glans moist, with a watery saltish-smelling fluid; excoriation of left scrotum; extremity of prepuce thickened; phimosis; excretion of whitish curdy matter abundantly between glans and prepuce; glans and prepuce bluish red and swollen; testis on left side dark red, entirely excoriated; saltish smell from genitals, and secretion of saltish-smelling fluid (sixteenth day); shooting pains in extremity of penis; secretion of greenish-yellow pus from excoriated surface of scrotum; voluptuous itching; tickling in prepuce (seventeenth day);

want of sexual desire; discharge from glans, aqueous; itching in extremity of prepuce, at intervals (biting, stinging, pleasurable sensation), in the evening (eighteenth day); phimosis; constriction of prepuce a little above extremity (which is swollen), retaining drops of urine (nineteenth day); tickling, pleasurable itching in preputial extremity, at intervals, at 6 P.M. (twentieth day); phimosis (partial), and without pain or tenderness; tickling in extremity of prepuce, at intervals, at 6 P.M. (twenty-second day); itching tingling in prepuce, in the evening (twenty-sixth day); itching in prepuce, at night (thirty-second day); in the morning (thirty-third day); tickling in lining membrane of prepuce; tingling in extremity of prepuce, at 6 P.M. (thirty-third day); tinglings in lining membrane of prepuce; shootings up the left side of penis and tinglings (forty-fourth day); annoyed about 6 P.M., for some evenings, with tinglings in prepuce, which gradually increased, and at length interfered with sleep, becoming like lancinations in glans and prepuce, with occasional sharp twinges; small spot of white curdy matter in left corner at root of frænum; surrounding membrane, glans prepuce, and frænum bright red and irritable, with shooting twinges so acute as to jerk the body about; absence of sexual desire (one hundred and sixty-ninth day). Extremity of prepuce becomes inflamed, acutely sensitive to touch; friction of the clothes, as in walking, painful; slight preputial gonorrhœa (one hundred and seventy-first day). Walking becomes very painful; prepuce inflamed, very red, and swollen; penis painful to the least touch over surface and glans; lancinating twinges and shootings in glans and prepuce, chiefly after 6 P.M., and especially in bed at night, and then becoming insupportably severe, with startings and shocks all through the body; cannot lie still; increased by attention and the least touch (one hundred and seventy-second day). Pains, twitchings, lancinating in prepuce, and agony in bed, at night, causing startings in the limbs; cannot lie still; the least movement increases them; desire for Opium to allay the sensibility; absence of sexual desire (one hundred and seventy-third day). Prepuce swollen considerably, projecting beyond the glans; *phimosis;* violent preputial gonorrhœa; *oozing pains;* sensation of melting away, as if drops were passing from the extremity of the penis or it were becoming matter; the effort seems to be aided by the whole body; increased by change of posture; the recumbent, with the muscles and fascia on the stretch, is most easy; pains in penis when pendant, relieved by being kept up (one hundred and seventy-fourth day). Swelling of prepuce increased; it forms a thickened bluish-red lump beyond glans, which cannot be seen; sensation of oozing increased and more frequent; secretion curdy white, and becomes yellow on drying; ulceration at points on the edge of prepuce, which is notched; balanorrhœa increased; change of posture and emotion increase the pains; contortion of the body during the pains, with writhing; erections, without voluptuous thoughts, during the night; the expanding glans causes acute lancinating pains in prepuce; surface of prepuce all over glans, especially on left side, excessively tender to touch, and red; (commenced milk and water tepid injection between glans and prepuce, with much relief, every six hours); great secretion during the night, with acute oozing pains (one hundred and seventy-fifth day); pains and contortions worse to-day; on urinating this morning, smarting lancinations in prepuce and glans, as if the orifice had been growing together, which continues after the act; frequent and painful erections; slight erythema of left scrotum as far as raphé; left testis hangs down, aching extending from it up spermatic cord, whilst walking (although it is suspended artificially); penis very

tender over surface of glans, chiefly along corona glandis *and on its left side;* smarting pains whilst urine passes through glans and prepuce (one hundred and seventy-sixth day); smarting in glans whilst and after urinating; cold water aggravates, warm relieves the local symptoms; extremity of prepuce can be painlessly handled, but over corona glandis, on left side, is still tender and painful to the touch; it aches on contact, *as if hollow*, is considerably swollen and pale; *expansive* pains on touching it; aching-boring pains in the swelling when the penis is pendant; secretion diminished, whitish, but becomes yellow as it dries, and redissolves white; insoluble in alcohol and water; balanorrhœa, with oozing tickling sensations, not disagreeable (one hundred and seventy-seventh day); penis painful when pendant; *expansive* pains in the swelling over the left corona glandis and great irritability; stitches up the commencement of the urethra, at 3 P.M.; much yellowish matter has discharged this morning, with oozing sensations, and the swelling on left side of glans penis is greatly diminished and not so tender (one hundred and seventy-eighth day); balanorrhœa more watery, yellowish (one hundred and seventy-ninth day); phimosis; prepuce can be drawn now about a quarter of an inch backward, exposing the glans; frænum red and swollen; larded-looking surface appears on upper left of glans, which could not be detached by washing or scraping, and around the margin of which were several distinct spots, like ulcerations, which altered the detachments or separation of a slough;† stinging itching in genitals, chiefly in penis, after 6 P.M. (Nitr. ac.?); occasional oozing sensations, which render it impossible to rest still; heat in the genitals (one hundred and eightieth day); balanorrhœa considerable, during the night, milky, and becoming yellow (one hundred and eighty-first day); balanorrhœa of prepuce slight; no urethral discharge could be detected;‡ thickening and congestion around urethral orifice, lasts several days (one hundred and eighty-second day); itching in extremity of penis, at intervals (one hundred and eighty-third day),[3].—Frequent erections (second day),[2].—Erections easily excited and frequent, slightly painful; sexual desire restored (one hundred and seventy-seventh day),[3].—Easy erections (first day),[2].—***Scrotum and Testicles.*** Sensation of flabbiness and rawness in left scrotum, in morning (sixteenth day),[3].—Left testis became suspended (seventh day); left testis continues suspended (fourteenth day),[3].—[**340.**] Left testis hangs down; genitals flabby; dragging pain in left testis, along spermatic cord, and particularly about abdominal ring (one hundred and ninety-second day),[3].—*Aching* in left testis (nineteenth day),[3].—Aching in left testis (though artificially suspended), whilst walking (one hundred and eighty-first day),[3].—Tensive pulsation in left spermatic cord, when walking (fourth day),[3].—Shooting in left spermatic cord, at 10 P.M. (fortieth day),[3].—***Desire.*** Excitation of the sexual feeling,[9*].—Absence of sexual desire (since left scrotum healed), as if from physical weakness; erections few, and without pleasure (twenty-ninth day); desire increased, with frequent erections; tingling, at intervals, in glans (forty-first day); increased sexual desire (fifty-second day); absence of all sexual desire and of erections, but the regulation of motion seems affected (one hundred and eighty-third day);§ *absence of erection and of all sexual desire*, for five days (one

† Pointed out by Mr. Wilson, to whom also are due all the physical symptoms of auscultation, etc.

‡ Notwithstanding frequent minute observation both by Mr. Wilson and myself throughout.

§ Phrenologically this is important, confirming a relation between the cerebellum and the co-ordination of motion.

hundred and ninety-second day),[3].—***Female.*** *Leucorrhœa* white, especially after sitting (eighteenth day); continues (twenty-fifth day),[4].—Catamenia premature (five days) and of short duration (three days), with deficient quantity (after six days),[4].—Retardation of the menstrual flux,[13].

Respiratory Organs. — [**350.**] Tickling in the windpipe,[6a]. — ***Voice.*** Voice like speaking through the nose, from obstructing mucus at root of nose, extending down into the throat, in the evening (eighth day); voice rough (eleventh day); hoarseness and tenacious mucus in throat, which renders it convenient to keep the mouth constantly open (eighteenth day); hoarseness (nineteenth day); hoarseness from the mucus in the throat (twenty-sixth day); voice obstructed by mucus in throat; hoarseness, after 9 A.M. (thirty-third day); voice obscured (thirty-fifth day); hoarseness, at 8 A.M. (thirty-sixth day); hoarseness (forty-seventh day); on rising, the voice gruff, bass, and hoarse; obstructing sweetish mucus in throat; voice becomes clearer after a short time (forty-eighth day),[3].— ***Cough and Expectoration.*** Dry cough several times,[1].—Hacking cough, from tickling in larynx, chiefly in morning (fourteenth day),[4].— *Hacking cough,* from irritation in throat, as if from warm air ascending spirally, in the daytime (nineteenth day); cough, in the evening (twentieth day); cough, in the morning (twenty-first day); hacking cough, in the morning (twenty-second day); hacking cough, at short intervals, from irritation in throat, as of hot air rising spirally, at 6 P.M., and in the evening (twenty-sixth day); cough hacking, from irritation in throat, as of hot air rising spirally, morning, noon, and evening (twenty-eighth day); hacking cough, troublesome, frequent, excited by speaking, and tickling in throat, in the morning (twenty-ninth day); cough hacking, which detaches sweet mucus into the mouth (thirty-first day); cough ejects sweet mucus into mouth; cough hacking, from tickling in throat, at intervals (thirty-second day); cough, from tickling in throat, at intervals, in the morning; coughing and hiccoughs; shaking hacking cough (thirty-third day); hacking cough (thirty-fourth day); cough from tickling in throat; two or three single coughs in succession (thirty-sixth day); cough in series, 10 to 11 A.M. (thirty-seventh day); cough single, hacking, in the morning, at intervals (forty-eighth day); cough, with hiccough, at intervals (fifty-ninth day),[3].—Increased secretion from the mucous membrane of the respiratory organs,[5].

Chest.—Feeling of tightness in chest with diminished secretion of mucus; the asthmatic symptoms went off after a few hours,[6a].—Pains as of knives darting through the chest (after meal), decreasing towards night (eleventh day); after every meal (twelfth day),[4].—Pain in the chest on both sides, as if from a knife (twenty-fourth day),[4].—Darting pains in the chest under lower sternum (sixteenth day),[4].—[**360.**] Paroxysms of dull pressure under the sternum,[1].—Oppression in left chest, clogged sensation, as if it were difficult to force the blood through that lung, worse on stooping (forty-seventh day),[3].—Dull pains through the left chest, worse on moving the left arm or leaning forward (forty-eighth day),[3].—Tightness, tensive-stretched feeling across chest between left breast and sternum, and in left breast, worse on inspiration, in the morning (twentieth day),[3].— Tightness under left breast (thirty-first day),[3].—Tightness, tensive pain in left chest under breast, especially during inspiratory inflation (forty-ninth day),[3].—Tensive pain in left side under ribs, in a line with the nipple; worse on inspiration, at 9 A.M. (thirty-fifth day),[3].—Tensive pains in left side just below axilla (sixteenth day),[3].—Dull tensive pains in left chest

under arm-pit and near nipple, in a line with it externally (forty-eighth day),[3].—Dull tightened pain in left chest on blowing the nose (forty-eighth day),[3].—[370.] Dull pain in left side (under axilla, in a line with nipple), in the evening (thirty-fifth day),[3].—*Anteriorly*, under left clavicle on inspiration a shrill, whiffing, slightly jerking tubular sound, the jerks perceptible throughout inspiration, but the shrill tubular whiffing perceptible only at the commencement of inspiration,[3].—Pain like a knife darting through left chest, from a spot a little below the breast, also slightly in right chest, chiefly during the inspiration (fifth day),[4].—Pain as of a knife in right side, at noon (fourteenth day); (sixteenth day),[4].—Pain like a knife in left side under the ribs (twenty-first and twenty-seventh days),[4].—Aching, as if bruised, in the left clavicle, increased by moving the arm, in the evening (forty-ninth day),[3].—Pains in left chest in the spot below breast; pricking as of needles, in the evening (tenth day); at 5 P.M. (thirteenth day),[4].—Uneasiness in left chest over heart, in the afternoon (one hundred and seventy-seventh day),[3].—Sensation of uneasiness in left lung (sixty-first day),[3].—Prickings in left side under rib (eighteenth day); slight (nineteenth day),[4].—[380.] Prickings in left side under ribs (twenty-ninth day),[4].—Pricking pains in left side, close under ribs, in the evening (thirtieth day),[3].—Prickings in left chest, in a line with nipples externally (a few inches), (forty-eighth day),[3].—Prickings in left pectoral muscle on moving the arm (forty-ninth day),[3].—Left chest remained affected till the seventy-third day, gradually improving,[3].—Pricking in the right side under ribs (seventeenth day),[4].—Prickings in right side (twenty-third day),[4].—Tensive pain like a string pulling in right breast (third day),[4].—Tensive pains in left breast, in the evening (thirtieth day),[3].—Lancinations and biting pains in left breast, increased by a deep inspiration (eleventh day),[3].

Heart and Pulse.—Heart. [390.] Palpitation of the heart (ninth day); palpitation of the heart, with transient flushes of heat (eleventh day); sinking of the heart, which beats softly as if in water (twelfth day); slight palpitation of the heart (twentieth day); palpitation of the heart, from the least exertion (thirty-fifth day); palpitation of the heart at 9 P.M. (thirty-fifth day); palpitation and jerking of the heart at intervals, worse during the flush of heat, and especially after drinking stout (forty-first day); palpitations; *jerkings* of the heart, in the evening (forty-fifth day); palpitation of the heart, violent and visible, prolonged after running upstairs (forty-ninth day); palpipation of the heart after drinking beer, increased by paying attention to it (fifty-first day); beatings of the heart at intervals, without any apparent exciting cause, with the heat (fifty-ninth day); heart still palpitated, violently and irregular at times, with a bellows' sound; after a dose of Spig. 3-3d, the heart became quiet (fifty-ninth day); flushes of heat in floods from the back (sixty-first day); heart's impulse strong; pulse irregular (one hundred and seventy-seventh day); uneasiness over heart, palpitation intermittent; jerking whilst lying down or sitting (one hundred and seventy-eighth day); uneasiness over heart, it flutters slightly, especially after quick exertion, chiefly in the afternoon (one hundred and eightieth day); heart's impulse strong (one hundred and eighty-first day); heart's impulse strong, *jerking*, especially after exertion, or ascending stairs, and during digestion (one hundred and eighty-second day); the action of the heart full, and sharp strokes at times, irregular, beating rapidly eight or ten times, then slowly; (like arnica heart),[3].—***Pulse.*** Accelerated full pulse,[9f].—Circulation per-

ceptibly accelerated,[6].—Pulse 70, weak, low, and irregular (fourth day); pulse 78, irregular; afterwards 80, low and weak; subsequently sinks to 70, irregular (ninth day); pulse 90, strong, in the evening (twelfth day); pulse 82, full; afterwards 74; strong, *very irregular;* very compressible during the flush (sixteenth day); pulse 96–100, very irregular (eighteenth day); pulse *very irregular*, 66, weak, low, and occasional quick, full beats, *compressible;* afterwards 70, very irregular, strong, then narrow, *compressible* (nineteenth day); pulse 58–60, with occasional powerful quick beats, in the morning; rises to 88 after dinner; 70 in the evening (twentieth day); pulse 52–6, compressible, very irregular; afterwards 90, followed by moisture on the skin, in the morning subsequently narrow (twenty-second day); pulse 88, irregular, in the morning (twenty-fourth day); pulse irregular, 82–88, compressible, narrow, occasionally strong (twenty-seventh day); pulse very irregular, compressible (thirtieth day); pulse strong, compressible, *very* irregular (thirty-first day); pulse 72, very irregular, compressible (thirty-second day); pulse narrow, compressible, 94, very irregular (now at 66, now 100) (thirty-second day); pulse full, very irregular, compressible, in the evening (thirty-second day); pulse accelerated in the afternoon (thirty-ninth day),[3].—*Pulse irregular* (fourteenth day),[4].

Neck and Back.—Neck. Nape of neck on right side much swollen, from the spine to the mastoid process, and left maxilla slightly enlarged; the swelling is not tender, but pressive and hot, the head is with difficulty rotated, but without pain, further than tension over the part which seems to press on the brain (one hundred and ninety-second day),[3].—Stiffness and pain in muscles of neck and back, on rotating the head (thirty-third day),[3].—Painful stiffness of the cervical muscles, extending towards the ears and temples,[14].—Tensive pain in muscles of neck along left shoulder, over superior edge of shoulderblade (twenty-second day),[3].—Uneasiness and sensation of heat over nape of neck, left side (one hundred and seventy-eighth and one hundred and eighty-third day),[3].—[**400.**] Slight uneasiness in nape of neck, right side (one hundred and ninety-second day),[3].—Uneasiness in nape of neck increased (one hundred and ninety-second day),[3].—Shooting pain, extending from the cervical muscles of the left side up to the temporal region (after ten minutes),[12].—Pulsation in nape of neck, and between shoulderblades, with heat (eleventh day),[3].—Sensation of throbbing in nape of neck, in abdomen, and lumbar region (eleventh day),[3].—***Back.*** Tensive pains and pulsations in swelling, extending down left side of spinal column; the spine is not tender to touch or pressure, the uneasiness felt *within*, not externally (one hundred and ninety-second day),[3].—Uneasiness and sensation of swelling in spinal cord and nape of neck, chiefly on *left* side, slight prickings and throbbings as if about to inflame, excited and increased by heat, especially of the sun; uneasiness in nape of neck and trembling heat, chiefly in left side below cerebellum, extending in a less degree down the spinal column to sacrum (twenty-fourth day),[3].—*Posteriorly*, over left scapular region, an indistinct mixed murmur and purring sound, similar to that which has been supposed to depend on muscular contraction, and often associated with rheumatism (like Spigelia); this sound is not heard at all *anteriorly; laterally*, on a line with left nipple, when the inspiratory inflation has been about half completed, there are two most distinct inspiratory jerks, but nothing of the tubular whiff; a similar jerking inspiratory murmur, very distinct below left nipple, over seat of pain, but on right side no such jerking to be dis-

covered, either anteriorly or posteriorly (forty-eighth day),[3].†—***Lumbar.*** Pains in left lumbar region (seventeenth and twenty-fifth day),[4].—Aching pain in lumbar region, in the evening (eighth day),[4].—[**410.**] Aching pain across lumbar region (seventh and eleventh days),[4].—Aching pains in left lumbar region (twenty-third day),[4].—Darting pains in left lumbar region, in chest, sides, and abdomen, during the day (twenty-eighth day),[4].—***Sacral.*** Tensive pain near top of sacrum, left side of back, when walking (thirty-third day),[3].—Shooting pains and throbbings in sacrum at 6 P.M. (twelfth day),[3].—Throbbing in left side of sacrum (seventeenth day),[3].

Extremities.—The *left arm* (and foot slightly), however, continued affected, it easily becomes chilled and numbed in the cold, despite gloves, friction or motion; the fingers, especially the third and fourth, are then bluish-white, the nails blue, with a sensation as if they were being rooted up; when brought into the warmth this hand is slow in recovering itself, and if held near a fire or in a heated room its vessels become distended much more than those of the right side, and in a cool temperature this is some time in disappearing; the arm, too, is easily numbed, even to a sensation as of temporary paralysis, by leaning or lying upon it; if held up when the vessels are distended they suddenly become empty, and again immediately refill on its being brought down (seventy-sixth day),[3].—Jerkings in the limbs and starts in the muscles, increased to contortion and writhing of the whole body, during the pains; straining and stretching of the fascia and muscles; jerking off the chair upon the floor (one hundred and seventy-fifth day),[3].—Weariness and aching in left extremities and sole of left foot (one hundred and seventy-fourth day),[3].—Uneasiness in the extremities and vibrations along the course of the nerves, better after motion in the open air,[14].—[**420.**] Aching in left leg and arm, and in sole of left foot (one hundred and seventy-third day),[3].—Aching in left extremities (muscular), and in sole of left foot (one hundred and seventy-fifth day),[3].—Aching in left limbs and sole of left foot during the pains (one hundred and seventy-sixth day),[3].—Fulness of hands and feet (thirty-third day),[3].—Tremulous tingling, dry, in palms of hands and feet (thirty-fifth day),[3].

Superior Extremities.—Loss of elasticity in vessels of left arm (sixty-first day),[3].—Excessive weakness and beaten sensation inside left arm and in triceps (tenth day),[3].—Bruised, beaten sensation in muscles of the arms, chiefly in triceps of left arm (ninth day),[3].—Bruised, beaten feel in muscles of the arms (ninth day),[3].—Left arm weak and easily fatigued (forty-eighth day),[3].—[**430.**] Aching pains down left arm, and in knuckle-joint of its forefinger (forty-eighth day),[3].—Aching pain as if bruised down left arm (forty-ninth day),[3].—The arm was easily numbed by the slightest cold or by resting it upon anything, causing tingling pricking numbness (sixty-first day),[3].—Left arm numb and heavy, weary (sixty-first day),[3].—The right arm down to the thumb feels numb,[14].—The arm felt bruised (sixty-first day),[3].—Fatigue in left arm (one hundred and seventy-ninth day),[3].—***Shoulder.***—Shoulder-strap falls over left shoulder (as if it were emaciated), (*constant from commencement*), the same suspender, if removed to right side, does not move from its place (forty-eighth day),[3].—The left suspender falls over the arm (seventy-sixth day),[3].—Uneasiness in left shoulder, above superior edge of shoulderblade, and tensive pain

† Examined by Mr. Wilson.

(forty-seventh day),[3].—***Arm.***—[**440.**] Aching in belly of biceps of left arm when extended or touched (forty-second and forty-third days),[3].—***Fore-arm.*** Weakness in forearms (seventh day),[3].—***Hands.*** Hands ruddy and their veins distended (twenty-second, twenty-ninth, and following days),[3].—Hands red, and the veins distended painfully, especially in left hand, which empties on raising the arm, but becomes painfully distended on depressing it (forty-first day),[3].—Hands red, with distended veins, particularly in left hand (forty-fifth and forty-ninth days),[3].—***Fingers.*** Swelling of the fingers,[9f].—Shooting pain from back of ring finger to wrist of left hand (along ulnar nerve) at 10 P.M. (twenty-fifth day),[3].—Sharp, wiry, shootings up fingers laterally, and in joint of second and fourth fingers, left hand (sixty-first day),[3].—The lateral surfaces of the fingers remained sore (sixty-first day),[3].

Inferior Extremities.—Knee. Pain in knee, with stiffness of leg, impeding walking,[9f].—[**450.**] Aching rheumatic pain, from right knee to ankle, externally, when walking (sixteenth day),[3].—Aching in knee-joints, especially the left, when sitting near the fire; it disappears on walking, or sitting in the cool (one hundred and seventy-sixth day),[3].—Aching in knee-joints, especially the left, whilst sitting with them near the fire; it disappears on removing to a cool place, or by walking (one hundred and seventy-ninth day),[3].—Aching in knees when near the fire (one hundred and eightieth day),[3].—Aching pain around outer angle of left knee, in front, slightly stiff in walking (one hundred and ninety-second day),[3].—[Sensation (painful), as if internal ligaments and coverings of right knee were loosened, on stepping; transient, in the morning] (fifth day).[3].†—***Legs.*** Heaviness and fatigue in the legs, in the morning on awaking, as after excessive walking (forty-ninth day),[3].—He felt as if his legs were not his own, and could not trust himself to walk,[16].—Slight weariness in right leg (one hundred and seventy-third day),[3].—***Foot.*** Trembling of the feet (after ten minutes),[12].

Generalities.—[**460.**] A strong odor of medicine from the breath and skin, and especially from the palms of the hands, which felt, he said, "sticky,"[16].—Emaciated (thirtieth day),[3].—Writhing and muscular contortions during the pains (one hundred and seventy-sixth day),[3].—Tremors and slight chilliness (one hundred and seventy-fourth day),[3].—Tremblings (third and following days),[4]; (thirty-fifth and forty-first days),[3].—Startings during the pains (one hundred and seventy-fourth day),[3].—Weakness,[1]; (thirtieth day),[3].—Weakness and trembling (seventeenth day),[3].—Sensation of weakness and easy fatigue, after walking about the room (first day),[2].—Debilitated muscular power, cannot clench the fist (one hundred and seventy-third day),[3].—[**470.**] Weariness (twenty-eighth and thirty-second days),[3].—Weariness and fatigue from the least exertion, especially muscles of arms and hands, chiefly on left side (thirtieth day),[3].—Tired feeling of insufficient, unrefreshing sleep (eighth day),[3].—Weary and prostrated and unsteady in the feet, on waking (first day),[2].—Tired and prostrated, next morning,[6].—Weariness in the evening, with stretching and yawning,[14].—Weariness, tired feeling all over, especially in left arm (one hundred and eighty-second day),[3].—Fatigue after walking (forty-third day),[3].—Languor, with sleepiness, in the morning (seventh day),[3].—Listlessness and languor (ninth day),[3].—[**480.**] Languor and oppression, weariness and lassitude (tenth day),[3].—Languor (sixteenth and seven-

† Did not appear again; symptoms inclosed thus [ ] are doubtful.

teenth days),[3]; (twelth day),[4].—Languor, debility, feel ill (eighteenth day),[3].—Languor, weariness (twentieth day),[3].—Great languor (one hundred and eighty-third day),[3].—Languor for some weeks past (one hundred and sixty-ninth day),[3].—Great languor and debility, especially in left limbs (one hundred and seventy-sixth day),[3].—Lassitude, especially in the limbs, chiefly left arm and leg (twenty-ninth day),[3].—Lassitude (one hundred and seventy-eighth day),[3].—Great lassitude and desire to remain recumbent, with the limbs extended (one hundred and seventy-ninth day),[3]. —[**490.**] Fainting (seventeenth day),[3]; (twelfth day),[4].—Faintness and vertigo, with swimming in the eyes on stooping (twenty-ninth day),[3].—Faintness on hearing music, the loud notes jar in the head (thirty second day),[3].—Tendency to fainting from stooping or excitement (thirty-second day),[3].—Tendency to faint from the slightest cause (fiftieth day),[3].—Faintness and vertigo whilst using the warm injection (one hundred and seventy-eighth day),[3].—Sickliness (fourth day),[4].—Sickliness and sight obscured (seventeenth day),[3].—Sickliness and faintness all over (twelfth day),[3].—Sensibility to cold; cannot keep warm, *the least draught is felt down the spine* (one hundred and seventy-fifth day),[3].—[**500.**] Sensibility to cold air and to damp weather; easily chilled (one hundred and seventy-seventh day),[3].—Susceptibility to cold air, *especially in the spine;* easily chilled (one hundred and seventy-ninth day),[3].—Excessive sensitiveness to the cold air,[9e 9f].—Sensibility to cold air, especially to the least draught (eighteenth day),[3].—Clogged sensation in body, especially in head and stomach (eleventh day),[3].—Loss of elasticity in all the vessels of the left cranium, *arm*, leg, and foot; the vessels feel occasionally distended in left neck and head, and also about the left ankle, stiffening the foot in walking (seventy-sixth day),[3].—Aching beaten sensation in muscles, chiefly triceps, of left arm (eleventh day),[3].—General feeling of tingling,[16].—Sunbeams cause ebullition of blood, as if the blood were lightened and circulated more quickly through the brain (fifty-second day),[3].—Sensation as if hot water were flowing through different parts of the body, at one time in the spine, especially in the lumbar region, at another in the abdomen, thence it extended into the stomach and dorsal vertebræ; at times dull pressure, deep in the navel, at times higher up, with almost constant sensation as if a stool would soon follow (first day),[2].—[**510.**] In a few hours the action of the medicine was exhausted,[12].—*Local symptoms worse all evening, after* 6 P.M.; and after 9 A.M., for a short time (one hundred and seventy-third day),[3]. —The pains are worse in the cold, and relieved by warmth of the fire (one hundred and ninety-second day),[3].—It feels especially good to sit down (first day),[2].—When he came out of the bath he felt refreshed and strengthened,[9n].—Sanguineous and nervous systems still affected slightly (fifty-eighth day),[3].

Skin.—Objective. Skin dry (no sweat), pale and cold, with empty vessels, followed by clammy sweat (nineteenth day),[3].—Skin dry, as if washed in acid water (twentieth and twenty-first days),[3].—Skin dry, as if washed in acid water, on hands (forty-seventh day),[3].—Skin pale, bloodless, at intervals in the afternoon (forty-ninth day),[3].—[**520.**] Skin peels off the nose in dry patches (eighth day),[3].—Numerous black pores on the face (one hundred and seventy-first day),[3].—Eruption of smooth small spots, reddish on face, chiefly forehead (forty-fourth day),[3].—Spots reddish on the face, forehead, chin, and whiskers; they contain either water or white, thick, curdy matter (one hundred and seventy-first day),[3].—Miliary spots on back, especially right shoulderblade and hip, which provokes

scratching till they bleed, at 10 P.M. (thirty-fifth day),[3].—Red spots on shoulderblades, with itching, bleeding when scratched, at 10 P.M. (forty-third day),[3].—Small, conical, raised yellow pimple, with bright-red margin, on left arm, over deltoid ridge, containing white crudy matter; pustule on sacral region, just above coccyx, on left side, very red margin, with itching; it is broken and contains water, and afterwards a little blood oozes (one hundred and seventy-eighth day); throbbing, with redness in pustule, another appears close to it (one hundred and seventy-ninth day); itching where the first pustule had been; it is still red, and a third, smaller, has appeared close to it (one hundred and eighty-third day); the pustules not yet healed; they *itch* and are sore when the scabs are pressed upon; around the scabs redness; pustules containing serum above and behind left ear (one hundred and ninety-second day); similar slight elevations of cuticle, sore to the touch, appeared on the left scalp during the earlier proving at times, but the hair did not fall off (one hundred and ninety-second day),[3].—Itching in the skin (thirty-fifth day),[3].—Itching in skin of nose, in the morning (twenty-ninth day),[3].—Itching between the right thumb and index finger, where there is a small red spot, that reappears after pressure, and obliges scratching; towards evening another red itching spot, of the same kind, appears in another place after the first has disappeared (second day),[2].—[**530.**] The skin, between the fingers of left hand, is sensitive and sore when rubbed (forty-ninth day),[3].—Itching at times on the inner surface of both thighs, only on the upper part (second day),[2].

Sleep.—Sleepiness. Feeling of sleepiness in the cold,[9f].—Sleepy and without thought,[1].—Sleepiness in morning, with languor (seventh day),[3].—Sleepiness in afternoon and at 6 P.M., with protracted sleep at night (till 1 A.M.), (seventeenth day),[3].—Sleepiness after a walk, in the evening (twenty-third day),[3].—Fell asleep after breakfast (one hundred and eighty-second day),[3].—Sleepiness in daytime (one hundred and ninety-second day),[3].—Sleep at night long and sound, on the next day was sleepy, and especially weak in the feet (first day),[2].—[**540.**] Sleep prolonged in morning, with difficult arousing from falling suddenly asleep again, with vivid dreams (eighth day); sleep prolonged in morning, with vivid dreams (fifteenth day); sleep prolonged in morning (eighteenth day); sleep prolonged in a half-waking sleep, with vivid dream of having already risen and dressed; dream influenced by occurrences in next room (twenty-third day); sleep prolonged, with light sleep, difficult arousing; dreams vivid; amorous dreams, in the morning (twenty-eighth day); sleep prolonged; many dreams, never disagreeable or frightful (thirtieth day); sleep prolonged in morning; many most agreeable dreams; amorous dreams (thirty-third day); sleep prolonged; many vivid dreams (thirty-fourth day); sleep prolonged in morning; vivid agreeable dreams (thirty-sixth day); sleep prolonged; vivid dreams, in the morning (thirty-seventh day); prolonged, with agreeable vivid dreams (thirty-eighth day); sleep prolonged; vivid agreeable dreams of recent events (forty-second day); sleep prolonged (forty-fifth day); sleep prolonged; dreams of personal diseases and injuries (forty-ninth day),[3].—***Sleeplessness.*** Wakefulness at night, but fall asleep soon and easily (thirty-second day),[3].—Sleep interrupted by startings of the limbs, and lying awake greater part of the night from sleeplessness (one hundred and seventy-fifth night),[3].—***Dreams.*** Many dreams; dream of falling from a great height (forty-eighth day),[3].—Sleep prolonged; dreams many and vivid (thirty-second day),[3].—Dreams vivid,

in morning; sleep prolonged, like half-sleep; difficulty in arousing oneself (seventeenth day),[3].—Dream of coition, accompanied by profuse *sudden* emission, and awaking lying on right side (twenty-second day),[3].—Dream of coition, with profuse *sudden* ejaculation and awaking, followed, in morning, by dulness over eyes and in forehead, and difficulty in retaining or collecting ideas (twenty-third day),[3].—Amorous dream, and of coition and apparent emission, which was not real (one hundred and seventy-sixth day),[3].—Amorous dreams (one hundred and seventy-ninth day),[3].

Fever.—Chilliness. [550.] Chilliness, with cold skin, extending to the upper arms,[1].—Chilliness, inability to sustain the animal heat, even in bed; sensibility, especially *down the spine*, to the least draught; left arm and leg too easily chilled and numbed by lying on them; *want of elasticity in the vessels* (one hundred and seventy-seventh day),[3].—Feeling of cold and rigor (after ten minutes),[12].—Coldness of the body (nineteenth day),[3].—Coldness in the whole body, in the morning; heat after dinner in flushes (twentieth day),[3].—Coldness all over the body, without flushes of heat, during the day (twenty-first day),[3].—Coldness, and dry white shrunken skin (twenty-second day),[3].—Coldness in morning; sensation of cold wind in lumbar region (twenty-ninth day),[3].—Coldness in morning, especially hands and feet; those of left side feel icy cool, benumbed; sensation of cold wind in lumbar region (thirtieth day),[3].—Coldness externally; hands cold, and lumbar region, in the morning (thirty-sixth day),[3].—[560.] Sensation of internal coolness, though not amounting to shivering, as if seated in the interior of the back,[1].—General diminished warmth over the whole body,[1].—Shivering a few times (soon after 10 drops),[1].—Chilliness in the back, with cold hands and finger tips,[1].—Chilliness in the back, with cold hands, in the morning (second day),[2].—Almost constant chilliness, deep in the spine (first day),[2].—Cold creeping over the back, with nausea, salivation, inclination to urinate, pressure in the stomach, and rumbling in the bowels,[1].—Frequent coldness over the back,[1].—Coldness several times, in the interior of the spine, with a sensation as if a soft stool would follow (first day),[2].—Sensation of cold air over lumbar region (nineteenth and twenty-third days); in the morning (forty-fourth day),[3].—[570.] Creeping coldness, especially in the region of the lumbar vertebræ, thence extending upward and downward; the formerly warm fingers were cool, and the skin on the back of the hands was somewhat shrivelled,[1].—Coldness in the lumbar region (thirty-fifth day),[3].—Chilliness in the joints, with aching in left thigh, knee, elbow, and shoulder, extending under the scapula, in bed, in the morning; it disappears on rising (though the room was cold), (one hundred and seventy-eighth day),[3]. — Feet and hands cold internally, though the fingers seem to be much colder when put against the warm cheeks,[1].—Hands cold, clammy, in the morning (thirty-fourth day),[3].—*Hands cold* (forty-first day),[3].—Hands cold, in the morning (forty-second day),[3].—Hands cold, with frequent flushes of heat and red hands, veins painfully distended (forty-seventh day),[3].—***Heat.*** Sudden overpowering heat,[1].—Dry *transient heat all over the body*, increased by exertion; it comes in flushes from within to the surface; heat in the skin, which is ruddy and becomes moist (fourth day),[3].—[580.] Febrile heat, dry skin, or clammy perspiration (ninth day),[3].—Feverish heat, transient, in frequent flushes (eighteenth day),[3].— Heat in skin of whole body, especially in hands (which are ruddy and the veins distended), and in feet (fifteenth day),[3].—At 8 P.M., great heat and perspiration whilst walking slowly; heat after the least exertion; the heat comes in flushes, followed by moist skin (four-

teenth day),[3].—Heat and perspiration during and after walking; the heat rises to the head and left nape of neck, causing faintness and vertigo, especially on rising from a seat, moving quickly, or after drinking a little wine, or running upstairs, or looking steadily at any object not directly before the eye; hands feel cool, with heat in the head, face, especially left cheek and neck; sensation of throbbings in neck and nape of neck, on left side; heat increases the symptoms (fiftieth day),[3].—Heat and copious perspiration whilst walking, always after drinking warm fluids, especially tea; heat and perspiration all over, in the evening (fifty-second day),[3].—Trembling heat, as if along nerves of back and neck, during the day, with a feeling of insecurity and want of confidence in self-control over the movements (twenty-fourth day),[3].—Dry, tremulous, burning heat, while walking, followed by moist skin; hands cold; heat all over the body, increased by a warm room (forty sixth day),[3].—Nervous heat (twenty-seventh day),[3].—Heat all over the body, and in flushes (thirty-first day),[3].—[**590.**] Dry tingling heat in skin, and hands and feet, followed by moist skin (thirty-second day),[3].—General warmth; heat in face, hands, and feet (thirty-second day),[3].—Flushes of heat (sixth day),[4]; (thirty-second and thirty-ninth days),[3].—Heat in flushes, coming often from the back (fourth and ninth days),[4].—Frequent flushes of heat and tremblings (fifth and following days),[4].—Feverish heat in flushes, transient, with moist skin (sixteenth day),[3].—Heat in flushes all over the body (twenty-second day),[3].—Heat in flushes; general warmth; heat followed by moist skin, in the evening (thirtieth day),[3].—Frequent transient flushes of heat all over the body; general warmth; dry tingling heat in skin (thirty-third day),[3].—Transient heat in flushes (thirty-fifth day),[3].—[**600.**] Heat, in the evening, with some flushes of dry heat and tremblings, followed by moist skin (fortieth day),[3].—Flushes of heat which ascend to the throat, mouth, and head (forty-first day),[3].—Heat, in the evening; flushes of dry heat,[3]; (forty-first day),[3].—Flushes of dry heat; heat all over, followed by moist skin (forty-fifth day),[3].—Heat in flushes, with moist skin, in the evening (forty-seventh day),[3].—Heat, burning near the surface of the body (forty-ninth day),[3].—Heat in flushes; heat in left side and cheek; skin on left cheek moist, with perspiration, in the evening; heat followed by perspiration, chiefly in palms of hands and face (forty-ninth day),[3].—Heat in flushes, or like floods of heat welling from the lumbar region all over the body, in the evening, in the sunbeams, whilst walking, and *during and after mesmerizing*, with beatings of the heart (fifty-ninth day),[3].—Heat during and after walking, in flushes, with perspiration; flushes of heat, in the evening (fifty-fourth day),[3].—Flushes of heat, transient (one hundred and seventy-fourth day),[3].—[**610.**] Great development of warmth, especially in the face,[9f].—Increased warmth on the whole body,[9e].—Temperature of the skin elevated,[6 11].—The whole afternoon the temperature of the room seemed warmer than usual; general burning over the whole body and easy perspiration (first day),[2].—Warmth all day; heat transient, in flushes (twenty-fourth day),[3].—Heat in head and face, followed by moist skin, in the evening (thirty-third day),[3].—Heat in nape of neck (eleventh day),[3].—Sensation of heat and uneasiness in nape of neck, along cervical spinal cord (seventeenth day),[3].—Sensation of heat and throbbing in nape of neck, left side (thirty-fifth day),[3].—Creeping heat through the back, several times (first day),[2].—[**620.**] Tingling heat in feet and palms of hands; heat in flushes to the skin (twenty-ninth day),[3].—Heat, especially in hands, which are ruddy and veins distended, and in feet and skin (twenty-seventh day),[3].—***Sweat.***

The profuse perspiration has a strong odor of musk,[5].—Very profuse sweat,[5].—Perspiration during the pains (one hundred and seventy-fifth day),[3].—Stool preceded and followed by perspirations and external heat, which shortly changes to external coldness, with tremblings and cold sweat (fifty-first day),[3].—Perspiration in flushes; heat which rises to the head; heat and profuse sweat, at night in bed (seventeenth day),[3].—6 P.M., flies troublesome and continually settle on the skin, which is moist with clammy perspiration (seventeenth day),[3].—Greasy† sweat (sixteenth day),[3].—Perspiration sour (one hundred and seventy-sixth day),[3].—[**630.**] Cold clammy sweat (thirty-fifth day),[3].

Conditions.—**Aggravation.**—(*Morning*), Confusion of head; cold in head; soreness of nose; on waking, heaviness and fatigue in legs; 6 A.M., local symptoms; sleep prolonged; coldness.—(*Evening*), Towards night, soreness of nose; pain in hypogastric region; 6 P.M., tingling in prepuce; 9 P.M., local symptoms; heat.—(*Blowing nose*), Pain in left chest.—(*Changing position*), Pains in penis.—(*Cold*), Pains.—(*Drawing in walls of abdomen*), Sensitiveness.—(*Emotion*), Pains in penis.—(*Exertion*), Heat.—(*Inspiration*), Tightness across chest; pain in left chest; sound under left clavicle; pain in left breast.—(*Deep inspiration*), Gnawing in right hypogastrium.—(*Leaning forward*), Dull pain through left chest.—(*Lifting leg*), Sensation in abdomen.—(*Moving arm*), Pain through left chest; aching in left clavicle.—(*Music*), Faintness.—(*Pressure*), Pressure between stomach and navel.—(*Rising from sitting*), Giddiness.—(*Sitting near fire*), Aching in knee-joints.—(*After sitting*), Leucorrhœa.—(*Speaking*), Cough.—(*Stooping*), Vertigo; sensation in abdomen; oppression in left chest; faintness and vertigo.—(*Stout*), Palpitation.—(*Sunbeams*), Head symptoms.—(*Walking*), Shooting in right hypochondrium; pain in knee; heat.—(*Cold water*), Penis symptoms.—(*Warm water*), Vertigo.

Amelioration.—(*Sitting in the cool*), Aching in knee-joints.—(*Walking*), Aching in knee-joints.—(*Warmth*), Confusion in frontal region; pains.—(*Warm water*), Penis symptoms.

TABACUM.

Nicotiana tabacum, Linn.

Natural order, Solanaceæ.

Common name, Tobacco.

Preparation, Tincture of the leaves.

Authorities. (1 to 3 from Hartlaub and Trinks.) **1**, Nenning; **2**, Schreter; **3**, Hausbrand, Hufeland's Journ., vol. 45, part 4, p. 109, observed in a nurse from a clyster containing 2 ounces of native Tobacco. (4 to 31, Seidel's collection, A. H. Z., 12, 150.) **4**, effects of 10 drops of tincture on himself; **4** *a*, 20 drops of tincture; **4** *b*, 30 drops; **4** *c*, 40 drops; **4** *d*, 60 drops; **5**, E., a healthy girl, took 5 drops of tincture; **6**, L., a healthy young woman, took 2 drops of tincture; **7**, Fowler, Med. Rep., London, 1785, effects of Tobacco; **8**, Hildebrandt, Hufeland's Journ., vol. 15, p. 160, effects of application of leaves to chest and abdomen; **9**, Murray, Arzneivorrath, vol. 1, p. 624; **10**, Muller, Bad. Annal. für Heilk., vol. 4, p. 92; **11**, Voigtel, Arzneimittel, 1817; **12**, Gesner, Epistol., effects on nose and mouth of smoking the leaves; **13**, Gessner, Arzn., in Schwaben, 1, 194; **14**, Marrigues, Vandemond, Rec. Periodic, vol. 7, p. 68, effects of

† Usually clammy or greasy sweat.

smoking; **15**, Vidocq, Miscel., 1828, 12, 376; **16**, Mombert, Hufeland's Journ., 1833, effects of injection in a man, æt. seventy years, for a scrotal hernia which had to be operated on; **17**, Chantourelle, Archiv. Gen. de Med., 1832, injection of 1½ ounces in a man; **18**, Gemelin, Geschichte der Pflanzengifte, 1770, Halle Gifte Histoire, 1787; **19**, Dove, Duncan, Med. Corr., Dec. 2d, vol. 8; **20**, Garnel, Med. Comment for the Year 1791; **21**, O'Brien, Dublin Hosp. Rep., 1832, effects of injection; **22**, Ephem. Nat. Cur., Dec. 2d, Ann. 3, obs. 108, p. 62, effects of external application of the juice to a wound; **23**, Stevenson, Alston's Mat. Med., vol. 2, 160, application of juice to an ulcer; **24**, Diemenbrock, Tract. de Peste, p. 294; **25**, Pitschaft, Hufeland's Journ., 1832; **26**, Horn, Arzneimittel, 1805; **27**, Chornel, Usuelles, 10, 184; **28**, Brandis, Archiv., 25, 1, 97, effects of a clyster; **29**, Grahl, Hufeland's Journ., 71, 4, 100; **30**, Hellwig, Obs. Phys. Med., p. 45; **31**, Ephem. Nat. Cur., Dec. 2d, Ann. 10, p. 222; **32**, P. Grant, Med. Comment., 1786, a man and his wife anointed their bodies with a strong infusion to prevent the itch; **33** to **35**, Cany, Recueil de Mem. de Med., 1816 (Frank's Mag., 3, 855), effects on men of attempting to save burning Tobacco; **36**, same, effects on a woman; **37**, Marshall Hall, M.D., Edin. Med. and Surg. Journ., 1816, p. 11, J. H., æt. nineteen years, unaccustomed to smoking, smoked one, and a part of a second pipe, and swallowed the saliva; **38**, Dr. Truchsess, Med. Corr. Blatt., vol. 6, p. 339 (Horn, Archiv., 16, pr. 3, p. 94), a girl, æt. ten years, had a crust upon the scalp, to which was applied powdered Tobacco; **39**, G. G. Sigmond, M.D., Lancet, 1837 (1), 150, a young man made an external application for the itch; **40**, Richard, from Thorer (Journ. de Chim. Med., 1839), a woman took an injection of an infusion; **41**, Krauss, Würt. Corr. Blatt., 1840 (Frank's Mag., 2, 169), a girl took an injection of an infusion for worms; **42**, Schmidtmann, Hufeland's Journ., 1840 (Frank's Mag., 1, 812), effects of excessive smoking; **43**, Gaz. Med. de Paris (A. H. Z., 21, 28), effects of an injection of 45 grams of an infusion; **44**, same, effects of an infusion. 45 to 51, Dr. Riemer Schneider, De Herba Nicotine, 1840 (A. H. Z., 19, 10). **45**, a man, æt. twenty-four years, took in ten days 1 ounce of tincture of fresh leaves of Nict. rustica, and within eight days 2 ounces of essence; **46**, a prover, æt. twenty-three years, took within eight days 2 ounces of essence; **47**, K., æt. twenty-five years, took 1 ounce of essence in ten days; **48**, another, æt. twenty-nine years, took 4 ounces of essence in eight days; **49**, S., æt. twenty-two years, took 2 ounces of essence in eight days; **50**, G., æt. twenty-eight years, took the essence for ten days; **51**, E., æt. twenty-six years, took 5 ounces of essence in fourteen days; **52**, B. M. Tavignot, Revue Med., Dec., 1840 (Brit. and For. Med.-Chir. Rev., 1841 (2), p. 562), a man, æt. fifty-five years, suffering from dysuria and enlarged prostate, took an injection of a decoction of 12 grains of Tobacco in 6 ounces of water, death; **53**, Curtis, Treatise on the Eyes (Bost. Med. and Surg. Journ., 26, 1842, p. 258), effects of excessive smoking on a young man; **54**, Eitner, Encyclop. des Sci. Med. Mag., 1843 (Am. Journ. Med. Sci., 1844 (1), p. 231); **55**, Dr. Meyern, Casper's Woch., 1844 (Hom. Vjs., 6, 104), a woman, æt. fifty years, made an external application of the leaves; **55** *a*, Westrumb, Rust's Mag., vol. 42, 464, a man rubbed the juice into a wound on the hand. (56 to 64, A. B. Shipman, Boston Med. and Surg. Journ., vol. 31, 1844.) **56**, a young man smoked, chewed, and snuffed freely; **57**, a sister of same, æt. thirty-nine years, had smoked and snuffed for fifteen years; **58**, S. E., æt. forty years; **59**, C. P., æt. forty-three years, had chewed for twenty years; **60**, S. C., æt. sixty-three years, had chewed

for thirty-eight years; **61**, S. J., æt. fifty-four years, had used Tobacco for ten years; **62**, A. C., æt. twenty-seven years, had chewed for four years; **63**, Mr. H., æt. thirty years, had used Tobacco for fifteen years; **64**, J. S., æt. forty years, often used a pound a week; **65**, B. B. A., ibid., general effect; **66**, Bost. Med. and Surg. Journ., 33, 1845, p. 101, report of French Acad. of Med. of effects on workmen; **67**, Dr. Chapman, Diseases of the Viscera (Lond. Med. Gaz., new ser., vol. 1, 1845, p. 981), effects of excessive chewing, smoking, and snuffing; **68**, Melier, S. J., 95, 41, effects on workmen in Tobacco; **69**, R. H. Allnatt, M.D., Lond. Med. Gaz., 1845 (1), p. 237, effects of chewing on a young man; **70**, M. Bertini, Giornale delle Sci. Med. della Soc. Med.-Chir. di Torino (Med. Times, vol. 13, 1846, p. 326), a child, æt. four years and a half, was given an enema prepared with part of a cigar; **71**, Peter Eade, Lancet, 1849 (2), p. 480, a girl, æt. eighteen years, for constipation, took an injection of about 3 drachms of common shag Tobacco boiled in ½ pint of water, death in an hour and a half; **72**, Bost. Med. and Surg. Journ., vol. 43, p. 474, effects of excessive smoking on an old man; **73**, R. A. Kimlock, M.D., Charleston Med. Journ. and Rev., vol. 5, 1850, p. 450, a woman, æt. twenty-eight years, had "chewed snuff" for six years; **74**, Howison, Foreign Scenes (Brit. Journ. of Hom., 8, 1850, p. 24), Mr. H. embarked on a sloop laden with Tobacco; **75**, J. L. Levison, Med. Times, vol. 21, 1850, p. 27, effects on the teeth; **76**, Innhauser, Wien. Zeit., 1851 (S. J., 71, 356), effects on cigarmakers; **77**, Dr. Deutsch, Preuss. Verein Zeit., 1851 (S. J., 70, 27), a man, suffering from tapeworm, took 1 ounce of fluid extract; **78**, same, a young woman smoked and swallowed a piece of a cigar for toothache; **79**, Hjorth, Gaz. des Hop., 1852 (S. J., 76, 311), a woman, suffering from irregular intermittent fever, took an infusion in milk; **80**, W. A. Weaks, M.D., Bost. Med. and Surg. Journ., vol. 47, 1852, p. 461, a child, æt. seven days, took two tablespoonfuls of water impregnated with Tobacco-smoke, death in eight hours and a half; **81**, Dr. J. W. Corson, Bost. Med. and Surg. Journ., vol. 49, p. 518, effects of chewing and swallowing the juice; **82**, Dr. Polko, Preuss. Verein Zeit., 1854 (S. J., 86, p. 31), a man applied the leaves to the lower extremities for rheumatism; **83**, David Skae, M.D., Edin. Med. and Surg. Journ., 1855–6, p. 643, a maniac, æt twenty-six years, swallowed over ½ ounce of the crude. (84 to 86 quoted by Levi, Charleston Med. Journ., vol. 11, 1856, p. 843.) **84**, Etmuller; **85**, Richard Morton; **86**, Leroy d'Etiolles; **87**, W. A. Hammond, M.D., Am. Journ. Med. Sci., 1856 (2), p. 315, unaccustomed to smoking, smoked 150 grains after each meal; **87** *a*, same, second experiment, the bread and meat each reduced, 6 ounces daily; **88**, Dr. Reil, Journ. für Pharmakodynamik, vol. 1, 1857, p. 568, poisoning of a family of three persons by coffee containing Tobacco; **88** *a*, same, a woman, æt. fifty six years; **89**, I. N. Kerlin, M.D., Med. and Surg. Rep., vol. 10, 1857, a lad, æt. eighteen years, accustomed to the use of Tobacco, swallowed 30 grains of the leaf. (90 to 97, Dr. A. Teste, Journ. de la Soc. Gall., 2d ser., vol. 3, p. 401.) **90**, effects on workers in Tobacco; **91**, a soldier, who smoked thirty pipes daily; **92**, a gentleman, who smoked seven or eight cigars daily; **93**, a man, æt. sixty years, an almost incessant smoker; **94**, a man, who had left off the use of Tobacco for fifteen or twenty years, staid a few minutes in a room where others were smoking; **95**, symptoms in a man, æt. forty-three years, all of which disappeared after leaving off smoking; **96**, effects on Dr. Teste himself; **97**, Gaz. Med. Italian (Journ. de Chim. Med., 1859), a man, affected with herpes in the beard, applied the oil; **98**, Dr. Osborne, Dublin Quart. Journ., 1860 (2), p. 291; **99**, Brit.

Journ. of Hom., 18, 1860, p. 681, a man, æt. forty-six, smoked one or two cigars every evening. 100 to 103, M. Beau, La Presse Med. Belge, July, 1862 (Brit. and For. Med.-Chir. Rev., 1862 (2), p. 537); **100**, a gentleman, æt. sixty years, smoked the greater part of the day; **101**, a doctor, æt. thirty-five years, smoked cigarettes excessively; **102**, another doctor, æt. fifty years, smoked continually; **103**, a man, æt. thirty years, smoked cigarettes continually. 104 to 106, same, Med. Circ., August 27th, 1862 (Brit. Journ. of Hom., 20, 1862, p. 685). **104**, a physician; **105**, a merchant smoked cigarettes excessively; **106**, a healthy and vigorous man, æt. seventy-five years; **107**, Clemens, Deutsch Clinic, 1862 (S. J., 156, 16), effects of excessive smoking; **108**, another case; **109**, P. J. Farnsworth, M.D., Am. Med. Times, vol. 5, 1862, p. 189, Mr. L., æt. thirty five years, smoked excessively. (110 to 112*a*, E. Smith, M.D., Lancet, 1863 (1), p. 292, effects on the pulse.) **110**, Mr. D., smoked a pipe, drawing the smoke through water; **110** *a*, second experiment by same, where the smoke was not drawn through water; **110** *b*, same, smoked seven minutes; **110** *c*, smoked in greater volume; **110** *d*, smoked faster three minutes and recharged the pipe; **111**, effect on Dr. H.; **111** *a*, same, smoked the strongest bird's-eye Tobacco; **112**, Dr. R., smoked a cigar; **112** *a*, same, smoked the strongest bird's-eye Tobacco; **113**, J. C. Wadsworth, Lancet, 1863 (2), p. 95, W. A., æt. twenty-one years, smoked 1 pound or 1½ pounds a week; **114**, same, J. M., æt. thirty-six years, used Tobacco excessively; **115**, G. A., æt. twenty years, has smoked eight or nine years, now smokes ½ ounce of strong Tobacco every day; **116**, M. Bernard, Comptes Rendus, 1864 (Brit. and For. Med.-Chir. Rev., 1864 (2), p. 531), a man enveloped his whole skin in the leaves to evade the payment of duty; **117**, Dr. Le Briert, Gaz. des Hop. (Edin. Med. Journ., 1864 (2), 171), a woman, æt. forty-five years, had eaten about two francs' worth a week for several years; **118**, M. Decaisne, Med. Times and Gaz., 1864 (1), p. 671, effects of smoking; **119**, Med. Times and Gaz., 1864 (2), p. 559, a man died from the effects of chewing and swallowing the juice of roll Tobacco; **120**, Dr. Majer, Würt. Corr. Blatt., 1864, effects of smoking four Kentucky cigars; **121**, Walter Scott, M.D., Med. Mirror (Dublin Med. Press, new ser., vol. 10, 1864, p. 588), Richard Edmondson, æt. seventeen years, smoked two pipes of bird's-eye and chewed about ½ ounce of Limerick roll Tobacco, swallowing the spittle; **122**, Dr. Henry Kennedy, ibid., vol. 9, 1864, p. 226, a man, æt. thirty-four years, an excessive smoker; **123**, Dr. Royston, Med. Circular, vol. 25, 1864, p. 381, effects of excessive smoking; **124**, Dr. Charles Drysdale, ibid., p. 380, effects of excessive smoking, such as ¾ ounce daily; **125**, same, a young man smoked ½ ounce daily; **126**, Marchant, Journ. de Brux., 1865 (S. J., 127), poisoning by sucking the juice from an old pipe; **127**, Wien. Med. Press, 1866 (N. Z. für H. K., 13, 112), effects of chewing a cigar of Tobacco rust; **128**, T. H. Babbington, M.D., Dublin Journ., 1866 (2), p. 545, Patrick Collier, æt. thirty years, poisoned by exposure to fumes of roasted Tobacco and excessive use of the weed; **129**, Ritter, Med. Corr. Blatt. Würt., vol. 38, p. 5, a man, æt. sixty-three years, who had smoked excessively since fourteen years old, now smoked Hungarian Tobacco in a meerschaum several times daily for six months, besides several cigars each day; **130**, Dr. L. Scotten, Virchow's Archiv., 1868 (North Am. Journ. of Hom., 17, p. 469), an officer smoked excessively; **131**, same, second case; **132**, Mr. Curgensen, Med. Circular, vol. 25, 1869, p. 380, effects of excessive smoking; **133**, Maurice G. Evans, M.D., Lancet, June 19th, 1869, a boy, æt. seven years, for ringworm on the neck, had applied to it the ashes

scraped from interior of a much-used pipe and mixed with oil; the ashes could have been held on the point of a penknife; **134**, Bull. Gen. de Ther., June, 1869 (New York Journ. of Hom., vol. 2, 1874, p. 533), a lotion of Tobacco was used as a wash to cure itch; **135**, Lembke, N. Z. für H. K., 12, 97, repeated doses of 5, 10, 15, and 20 drops of tincture, and 30 to 40 drops of Aqua nicotine; **136**, S. Swan, North Am. Journ. of Hom., new ser., vol. 1, 1870, p. 253, a man used a paper of fine-cut Tobacco every day, with some cigars; **136** *a*, same, general statement; **137**, J. H. P. Frost, Hahn. Month., vol. 5, 1870, p. 409, a physician used Tobacco over thirty years; **138**, Reymond, Ann. d'Ocul., 1871 (S. J., 151, 312), abuse of Tobacco; **139**, Carl Muller, Am. Hom. Obs., 1871, p. 561, a man, æt. twenty-four, a confirmed devotee to Tobacco, smoked a "splendidly colored cutty" three times in succession while in bed; **140**, James W. Allan, Lancet, 1871 (2), p. 663, a woman applied the leaves to an ulceration on her legs; **141**, T. F. Allen, Hahn. Month., vol. 8, 1872, p. 22, a man, æt. thirty-five years, had used Tobacco immoderately for several years; **142**, Dr. Miller, Hahn. Month., vol. 7, 1872, p. 531, general effects; **143**, same, a French physician investigated the effects of habitual smoking upon thirty-eight boys between the ages of nine and fifteen years; **144**, Hahn. Month., vol. 7, p. 288, effects on children; **145**, Dr. Goullon, Jr., A. H. Z., 84, 66, effects of smoking a cigar in the evening; **146**, H. N. Dunnell, M.D., Méd. Union, vol. 1, 1873, p. 227, a German, æt. forty-three years, took 15 drops on an empty stomach, death in about ten minutes; **147**, U. V. Miller, North Am. Journ. of Hom., new ser., vol. 4, 1874, p. 86, C. T., æt. twenty-seven, has for three years observed effects on himself of smoking; **148**, B. W. Richardson, M.D., Brit. and For. Med.-Chir. Rev., 1875 (2), p. 234, a man smoked in less than twelve hours forty cigarettes and fourteen good cigars. (149 to 151, E. B. Morgan, Brit. Med. Journ., 1875 (2), p. 487, three persons poisoned by water from a well in which Tobacco had been placed.) **149**, a man, æt. fifty-five years; **150**, death of a boy æt. four years; **151**, a girl æt. six years; **152**, E. W. Berridge, U. S. Med. Invest., new ser., vol. 1, 1875, p. 100, took 77 pilules 1000 (Jen.) at 10.50 A.M. and at 11 P.M.; **153**, same, effects on Mr. —— of smoking; **154**, Prof. Chevallier, Journ. de Chim. Med. (New Remedies, 1875), a young man smoked twelve cigars, death; **155**, Dr. Yeldman, Brit. Journ. of Hom., vol. 33, 1875, p. 508, effects of attempting to learn to smoke; **156**, effects of excessive smoking on a man; **157**, effects of excessive smoking on a young man; **158**, Ravoth, from the Swedish, Lundahl, "Tabac est Gift," Berlin, 1875; **159**, Forsius, ibid., effects of excessive smoking. (160 to 164, Foussard, De l'Empoisonnement a la Nicotine et la Tabac, Paris, 1876.) **160**, symptoms of acute poisoning; **161**, Mackenzie; **162**, Foussard, Madame N. took an infusion; **163**, Rabateau, Med. Gaz., vol. 10, poisoning by an injection; **164**, same, effects of smoking cigars; **165**, E. W. Berridge, M.D., Am. Journ. of Hom. Mat. Med., vol. 9, 1876, p. 244, effects of smoking on Mr. ——; **166**, J. N. Bigelow, M.D., New York Med. Journ., vol. 23, 1876, p. 399, T. S., æt. twenty-six years, had smoked excessively from the age of twelve; **167**, G. H. De Wolfe, M.D., Lancet, 1876 (2), p. 811, G. H. smoked six pipes before breakfast, and continued smoking all day, using small dirty pipes; **168**, W. W. Van Valzah, M.D., Phila. Med. Times, 1877 (1), p. 271, a man took Tobacco to relieve constipation; **169**, Brit. Med. Journ., 1877 (2), p. 419, a boy, æt. four years, blew soap-bubbles with an old wooden pipe, death on the fourth day; **170**, Mr. Nettleship, Med. Times and Gaz., 1877 (2), p. 434, William W., æt. fifty-three years, a heavy smoker; **171**, W. K., æt.

fifty years, a heavy smoker; **172**, John H., æt. sixty-six years, a heavy smoker; **173**, William E., æt. fifty-two years, a smoker; **174**, Jonathan Hutchinson, Med.-Chir. Trans., 1867, p. 411 (Ophth. Hosp. Rep., 1871, p. 172, and 1876, p. 463), cases of amaurosis, supposed to be due to Tobacco; **175**, Hempel's Mat. Med., vol. 2, p. 675, a girl, æt. twenty-three years, who had the itch, made a decoction of 3 ounces of the leaves, with which she soaked compresses, and wrapped them around her leg in the evening.

Mind.—Emotional. Quiet delirium, murmuring to himself,[17].—He went to sleep in the cabin, which was full of large packages of tobacco, but was harassed by wild and frightful dreams, and suddenly awaked about midnight, bathed in a cold dew, and totally unable to speak or move. He knew, however, perfectly where he was, and recollected everything that had occurred the preceding day; he could not make any bodily effort whatever, and tried in vain to get up, or change his position. The watch on deck struck *four bells*, and he counted them, though it seemed to him as if he did not hear the beat, but received the vibration through his body. About this time a seaman came into the cabin with a light, and carried away an hour-glass without observing the sufferer. Shortly after a pane of glass was broken in the skylight, and he saw the fragments of glass drop on the floor. These circumstances which really occurred, are mentioned to show that Mr. H. experienced real sensations, and was not still under the influence of perturbed dreams. His inability to move was not accompanied by any pain or uneasiness, but he felt as if the principle of life had entirely departed from his frame. At length he became totally insensible, and continued so till an increase of wind made the sea a little rough, which caused the vessel to roll. The motion, he supposes, had the effect of awakening him from his trance, and he contrived somehow or other to get up and go on deck. His memory was totally lost for about a quarter of an hour; he knew that he was in a ship, but nothing more. While in this state he observed a man drawing water from the sea in buckets, and requested him to pour one on his head. On the seaman doing so, all his faculties were immediately restored, and he acquired a most vivid recollection of a vast variety of ideas and events which appeared to have passed through his mind, and to have occupied him during the time of his supposed insensibility,[74].—By loud calling and vigorous shaking, he was aroused from his comatose condition, when he began in a high state of nervous excitement to cry, "Oh, my head! Oh, my head!" at the same time clutching his forehead with his hands, and staring wildly about him. At one time, in great trepidation, he begged that some imaginary bottles should be taken out of the room; indeed, his conduct and appearance at this time were not unlike one suffering with delirium tremens,[89].—After a time the patient changed from a state of stupor into one of wild intoxication, started up in bed with ridiculous, foolish talking, accompanied by convulsive movements and spasms of the facial muscles,[34].—Complete intoxication,[33].—Felt as if intoxicated with spirituous liquor (after one hour),[32].—Extreme agitation,[70].—Intoxication for more than twenty-four hours,[14].—(The Mexican priests incite courage and bravery by means of an ointment of tobacco),[11].—[**10.**] Great joyfulness and talkativeness, as from intoxication (first day),[1].—Frequent laughter without cause,[108].—She sings the whole day (twelfth day),[2].—Joyful and lively, second and third days,[2].—She is very lively and jolly, danced about on one leg for joy, and laughs without reason nearly all day (first day),[2].—He was queer for days after, the principal symptom being weak and irritable pulse,[155].—Misan-

thropy,[96].—Very morose and fretful (first day),[2].—Despondency,[49].—Low spirits, want of resolution and general hypochondriasis,[56].—[**20.**] Gloom, hypochondria, apprehensions of sudden death,[58].—Most profound gloom, constant fear of death, yet attempting suicide,[58].—Nervous and hypochondriac,[61].—Psychical alteration and hypochondria in a high degree,[131].—Hypochondria in a high degree,[130].—Extremely hypochondriac mood (first day),[4a 4b].—Anxiety,[9 11 160].—Anxiety and sickness (woman),[22].—Anxiety on being alone at night,[159].—Anxiety with very depressed, melancholy thoughts while walking (third day),[2].—[**30.**] Uneasiness and anxiety in the afternoon, as if some misfortune would occur (tenth day),[2].—Apprehensive and insensible,[18 19].—Apprehensive towards evening, several days,[2].—Apprehension and anxiety occurred several afternoons, and were relieved by weeping,[2].—Apprehensive, faint-hearted, and despondent, with nausea; she thought she would die, which disappeared after vomiting, after dinner,[1].—Great apprehension with oppression of the chest, and a very despondent, sad mood, as if he apprehended some misfortune, preceded by inclination to vomit; relieved by weeping (first day),[2].—Apprehension, anxiety, and despondency, as if she dreaded death, at 4 P.M., two days in succession,[2].—Terrible apprehensions of immediate death,[58].—Despondent, joyless mood,[1].—Discouragement,[96].—[**40.**] His manner is nervous, restless, and uneasy; he looks as though he were frightened, and confesses to a feeling of anxiety without any cause for it,[99].—From having been one of the most healthy and fearless of men, he had become sick all over, and as timid as a girl; he could not even present a petition in Congress, much less say a word concerning it; though he had long been a practicing lawyer, and had served much in a legislative body. By any ordinary noise, he was startled or thrown into tremulousness, and afraid to be alone at night. During the narrative of his sufferings, his aspect approached the haggard wildness of distemperature,[67].—Evenness and mildness of temper, notwithstanding he felt very uneasy about his health,[92].—Ill humor,[45 47 48 51].—Irritability,[50 60].—He was incapacitated for business of any kind, weak, irresolute, and despondent,[58].—Completely indifferent, would not answer, immovable,[79].—***Intellectual.*** Indolent (first day),[2].—Disinclined to work (second day),[2].—Dread of work,[45 47], etc.—[**50.**] Psychical uneasiness,[130].—Exalted action of the brain; copious flow of ideas; during this sort of intellectual paroxysm, which often continues all night long, leaving me in the morning worn-out and sick, I would conceive and elaborate about twenty undertakings, of which probably not one would ever come to light,[96].—Mind dull,[107].—She feels dull, cannot rightly collect her thoughts (fourth day),[2].—*Difficulty in concentrating his mind for any length of time on one subject,*[136].—Confusion of ideas,[41 126 149].—Understanding transiently confused,[7].—The primary effects of tobacco on my constitution exactly corresponded with the secondary effects of coffee, viz., turpitude of the cerebral functions; confusion of ideas, and lack of words to express them,[96].—She is unable to grasp an idea, something else constantly occurs to her and crowds out the former thought, with heaviness and dulness of the head, all of which disappears after vomiting, after dinner,[1].—Twenty-three manifested serious derangements of the intellectual faculties,[143].—[**60.**] Loss of intellectual power,[44].—Memory has failed of late,[174].—Stupefaction,[10 11 37], etc.—Profound stupor,[161].—He no longer recognized his surroundings; when spoken to he understood, but the answers he endeavored to make were only unintelligible sounds,[17].—Lost consciousness for a moment; he screamed out that smokers must go out of the room, though no one was smoking, that the fumes took away

his breath, etc.; immediately afterwards he became quiet, but talked incessantly and irrationally, with open, staring eyes, spoke of events in his past life, then returned to consciousness,[16].—Completely dumb and insensible,[14].—Complete loss of consciousness,[10 89], etc.—Unconscious as if in a faint,[55a].—Became senseless and unconscious, without apparent respiration,[34].—[**70.**] Fell unconscious to the ground,[126].—She fell to the ground unconscious, with stoppage of the respiration and scarcely perceptible pulse,[36].—Complete insensibility to pinching and sticking,[127].—Complete unconsciousness with appearance of quiet sleep,[127].—The child lay in a soporous condition with the eyes half closed, with a staring look, dilated pupils, with violent trembling of the limbs, rapid respiration, violent beating of the heart and carotids, extreme thirst, profuse sweat, and cold extremities (after twenty-four hours),[38].—Coma,[31 80 160 169].—The person seemed in a comatose condition for some moments, then he was roused by the pain, but uttered no complaint, but made violent automatic movements, rose, walked a few steps as if intoxicated, and threw himself upon the bed and tossed about,[17].—Profound narcotism, stupor,[134].—Fell into a comatose state and died,[52].

Head.—Vertigo and Confusion. Head confused,[47 48].—[**80.**] Great confusion of the head,[50 51].—Confusion, long continued,[11].—***Vertigo,**[7 8 9 10 11], etc.—Excessive vertigo (after half an hour, and second and fourth days),[2].—Vertigo and intoxication,[12].—Vertigo, with some colic,[7].—Frequent paroxysms of vertigo,[158].—Vertigo and fulness of the head,[56].—Vertigo, with no steadiness of the body,[4e].—Vertigo on motion,[131].—[**90.**] Vertigo on every attempt to rise,[77].—Vertigo, so that she could not rise up,[88].—Vertigo, with qualmishness in the stomach (fifth day),[2].—Vertigo, which amounted to loss of consciousness,[3].—Vertigo, as from intoxication (first and second day),[2].—Vertigo, a turning in a circle with pressive headache in the forehead and temples,[1].—Frequent attacks of vertigo, which caused staggering and falling, while everything seemed to turn round,[137].—Vertigo, everything about him seemed to move from right to left, or from above downward, and then the reverse,[158].—Vertigo; it seems as if the whole room were turning about in a circle, and she does not dare to rise from her seat for fear of reeling (after a quarter of an hour),[2].—Vertigo on entering the house after walking in the open air, with nausea and inclination to eructate; the nausea increases in a warm room, so that she is obliged to go into the open air, when she vomits the food eaten at noon,[1].—[**100.**] Dizzy and reeling (after five minutes),[2].—Dizziness and physical prostration, soon,[4a].—Reeling,[13].—Reeling in the morning after rising from bed (eleventh day),[2].—The girl walked about as if intoxicated,[38].—Slight giddiness and occasional headache at the time the eyes began to fail,[174].—Giddiness in occiput,[153].—***General Head.*** Head thrown back, amounting almost to opisthotonos,[150].—Slight tremulous motion of the head while reading (after a quarter of an hour),[4b].—Slight trembling of the head and hands,[96].—[**110.**] Apoplexy,[9 30].—Congestions to the head,[108].—Frequent congestions to the head and chest,[76].—Much congestion of blood and flushing of heat towards the head (first day),[2].—****Heaviness of the head,***[136 159].—Heaviness of the head on stooping (after half an hour),[1].—Feeling of heaviness in the head after dinner,[1 2].—Head heavy and dull,[126].—*Heaviness of the head*, she could scarcely hold it up (first day),[2].—Great heaviness of the head; it constantly sinks forward (first day),[1].—[**120.**] Dulness and confusion of the head,[55a].—Dulness of the head, with dull pressure on the root of the nose, with sensation as if the ears were stopped,[4e].—

Headache*,[8 11 36 39], etc.—Headache with vertigo*,[1].—Woke with headache and pressure in the vertex and temples, which lasted nearly all day (fourth day),[2].—Violent headache in the morning on moving, as if something were shaking within the head, relieved during rest (second day),[2].—Severe headache for three or four months,[174].—Headache towards evening, as if both temples were compressed (seventh to tenth day),[2].—Headache with a feeling of slight throbbing in both temples,[1].—Pain in head and eyes,[167].—[**130.**] Violent headache,[32 126].—Whilst passing his urine, was attacked with sudden and most violent pain in the head, followed immediately by vomiting; the pain was so violent he screamed for assistance,[128].—Acute and persistent headache,[160].—Dull headache, especially in the forehead, aggravated by motion, after dinner,[4b].—Violent headache, especially drawing in the left half of the forehead and through the left eye,[4c].—**The headache is relieved in the open air*,[1].—Compressive pains in the head, especially in the occiput (third day),[2].—Oppression of the head, as though the whole world were resting upon him, with weakness,[158].—Rising sensation like an aura about his head,[64].—Sensation of rush of blood to the head,[57].—[**140.**] Shocks in the head, followed by a sensation as if a rush of blood took place to the head,[56].—Roaring in the head,[76].—Complained much of head and throat, and the former was thrown back,[151].—Some deep stitches in the head, extending towards the vertex (third day),[2].—***Forehead.*** Contraction in the muscles of the forehead (first day),[2].—Supraorbital headache,[162].—Frontal headache, as if the brain were compressed; the pain is aggravated by inclining the head towards the painful side,[51].—Pressive pain in the forehead,[46].—Pressive pains in the forehead or vertex,[76].—Pressive headache above the eyes (after five minutes); also, with flickering before the eyes, worse on walking (after one hour),[2].—[**150.**] Pressive headache above the eyes with heat of the head (after one hour),[2].—Pressive headache the whole afternoon, especially above the right eye (second day),[2].—Sensation as if the anterior portion of the brain were pressed backward from the forehead,[49].—Dull pressive pain in the forehead and root of the nose,[1].—Dull pressive pain, deep in the frontal region,[48].—Pain in forehead,[174].—Stitches extending from the forehead to the occiput; they disappeared in the open air, but if he stood still, they returned; they ceased entirely on lying down (second day),[2].—***Temples.*** Pressive contraction in the temples (after a quarter of an hour),[2].—Pressure in the temples lasting ten days (after four days),[2].—Alternating pressure and sticking in the temples (first day),[2].—[**160.**] Some pain in temple where symptoms begun,[174].—A drawing, sticking pain, extending from the left temple over the forehead towards the vertex (first day),[2].—Stitches in left temple (after two minutes, and first and third days),[2].—Sore stitches in the temples (second day),[2].—***Vertex and Parietals.*** A pressure on the vertex as if some one was pressing upon it with a board (first day),[2].—Violent pressive headache in the vertex (after three minutes and afterwards),[2].—Violent internal pressure in the vertex immediately after eating (first day),[2].—Pressive pain on the vertex, at times associated with stitching,[2].—Stitches in the vertex for ten days, frequently recurring (after four days),[2].—Pain in both sides of the head as if broken (after one and a half hours),[2].—[**170.**] Pain in the right parietal bone on pressing on it (first day),[2].—Pressive pain in the parietal bones in the morning on waking, which disappeared on rising (sixth day),[2].—Pressure in the right side of the head during dinner,[1].—A sticking pain in the parietal bone, extending towards the occiput on walking rapidly (first day),[2].—Stitches in the left side of the head (fifth day),[2].

—***Occiput.*** Pressure in the occiput (fourth and fifth day),[2].—Pressive headache extending from the occiput to the temples,[45].—***External Head.*** Much hair falls out on combing (fifth and sixth days),[2].—Burning on the head, followed by formication, loss of appetite, violent sticking in the ears, then by coldness with shivering (eighth day),[2].—Formication above the left temple (second day),[2].—[**180.**] Violent itching of the scalp in a room filled with tobacco-smoke,[4].

Eye.—Objective. Dark redness around the eyes,[88].—Eyes staring,[17 41 166].—Eyes fixed,[70].—Eyes turned upward,[88].—Sparkling eyes,[33].—Eyes sunken and seeming small,[34].—Eyes lost their brilliancy,[37].—Eye listless and heavy,[69].—Eye had a haggard appearance,[117].—[**190.**] The eyes are dejected, without brilliancy, deeply sunk in the orbit,[95].—Eyes closed,[80].—Closure of the eyes and photophobia,[3].—Injected eyes,[160].—Eyes highly injected, cornea vascular and semiopaque,[56].—Cornea dim, covered with mucus,[127].—Redness of the cornea, with some photophobia; if she looks towards the light she is obliged to close the eyes (second day),[2].—Decided exophthalmus in consequence of the weakness of the recti muscles,[138].—The ophthalmoscope demonstrates an atropic condition of both optic nerves, the inner (apparent) half of each, seen in the reversed image, being quite white and non-vascular; the outer part being redder, and more vascular than normal,[115].—An examination of the numerous cases reported by Dr. Hutchinson reveals the following conditions common to all the cases: white or gray atrophy of the optic nerve (in a few cases the color was bluish white), commencing at the outer part of the disk, usually with a sharply-defined margin and with diminishing size of retinal vessels; in a few cases there were signs of congestion, and in two cases neuritis with indistinct outline of disk. In soms cases the centre of disk was found depressed and atrophied. It is noteworthy that the left eye became first affected and was more affected than the right in nearly every case. The vision failed suddenly in a few, rapidly in many; in others the progress of the disease was fitful. Some complained of flashes of light, others of fog, but most simply of indistinctness of vision. As the atrophy advanced the pupils dilated and became insensible to light; and in a few cases divergence of the eyes ensued,[174].—[**200.**] By means of the ophthalmoscope, both optic nerves appear of brilliant white color, their areas being enlarged, and their outlines clearly defined,[113].—The fundus of each eye seems quite normal, with the exception of the optic discs, which appear too large, and irregularly circular, the tissue being quite of tendinous whiteness,[114].—***Subjective.*** Tight tension and drawing, extending from the left eye down into the upper jaw (first day),[2].—The eyes are painful, as after long weeping (first day),[2].—Pain in the eyes and flickering, on looking intently at an object (second day),[2].—Pressure in the right eye, which extended into the occiput (eighth day),[2].—Pressive sensation in the eyes, especially on moving them,[1].—Pressure in the eyes,[48].—Feeling as if a hair were in the right eye, towards evening (fourteenth day),[2].—Heat in the eyes, with lachrymation (fifth day),[2].—[**210.**] Burning in the eyes,[76].—Burning in the eyes, in the evening, while reading,[48].—Some stitches in the left eye, after a few minutes,[4].—A kind of burning, with a sensation of coldness in the eye (first day),[2].—***Orbit.*** Numbness of orbicularis oris (frequently immediately after taking a chew of tobacco),[137].—Pressive sensation, deep in the orbits, with weakness of the eyes and vertigo,[1].—Dull pain in the base of the orbits, with redness of the eyes,[94].—Sticking above the right eye, extending from the outer margin of the eyebrow to the inner, into the orbit (first day),[2].—Some

fine stitches in the upper part of the orbit (first day),[2].—The orbits are heated (first day),[2].—***Lachrymation.*** [220.] Lachrymation,[94].—Lachrymation, on looking intently at anything (second day),[2].—***Lid.*** Squinting, when trying to read,[96].—Twitching of the left upper lid (after one hour),[4b].—Eyelids in persistent motion, half voluntary,[148].—Eyelids granular,[56].—Contraction of the lids, with a biting pain in the eyeballs (after seven minutes),[2].—Contraction of the lids and lachrymation (first day),[2].—Spasmodic contraction of the lids and masseter muscles; inability to open the mouth,[127].—Violent itching in the inner canthus of the right eye, with burning after rubbing (after half an hour),[1].—***Conjunctiva.*** [230.] Great injection of the conjunctiva,[127].—Conjunctiva injected,[37].—Frequent sensation of a foreign body in the conjunctiva, apparently caused by the irritating action of the smoke,[129].—***Ball.*** Pressure in the eyeballs (after two hours),[4b].—Violent digging-drawing pains in the eyeballs and temporal regions, aggravated by motion, with distended vessels and increased throbbing in them,[4d].—Heat in the eyeball (after five minutes),[2].—***Pupil.*** Pupils dilated,[10 40 88], etc.—Pupils dilated, fixed, and staring,[150].—Both pupils are rather large, but the motion of the irides are active,[113].—Both pupils rather large, and motions of the irides sluggish,[115].—[240.] Pupils considerably dilated and not much influenced by light,[114].—Pupils greatly dilated,[41 55a 148].—Pupils greatly dilated and insensible,[79 117 119].—Pupils unnaturally *dilated*, on the approach of light,[89].—Pupils fully dilated and quite insensible to the light of a candle held close to the eye (third day),[121].—Pupils irregularly dilated,[161].—Contraction of the pupils,[50 51 160].—Pupils much contracted,[83].—Pupils contracted, irresponsive to light,[126].—Pupils decidedly contracted, but slightly sensitive to light,[168].—[250.] The right pupil exceedingly contracted; the left was much larger than usual, and had lost its circular form; both were unaffected on the approach of light,[37].—***Vision.*** Vision weak,[107].—Dimness before the eyes, as from mucus (first day),[2].—Indistinct vision for some minutes (twelfth day),[2].—Objects are not seen as distinctly as usual (second day),[2].—Obscuration of vision,[68].—Eyesight affected,[109].—Sight failing for six weeks, being alike in the two eyes. Vision = 16 Jäger; not improved by glasses,[172].—For an uncertain time he has noticed his sight to be gradually failing, until now it has become so imperfect that he is unable to attend to his business,[114].—For a long period his sight has gradually failed, till he can only see to read, for a short time, characters of one-third of an inch,[113].—[260.] About nine months since his sight began to fail, and has continued to get worse to the present time. He can only see to read No. 18 test-type (canon) with his left eye, and with the right, No. 16 (two-line great primer), word by word; and distant objects are equally indistinct,[115].—Sight failing slightly for twelve months, the defect being most apparent in a bright light (? central scotoma). With his glasses he could, however, still read the newspaper; but his distant vision, unaided by glasses, was only 40 Snellen, at fifteen feet. Optic discs definitely pale at their temporal portion; no other changes,[170].—Complained of failure of sight for three months, and in particular that "things looked black" (probably central scotoma). Sight did not vary on different ways. Vision—right, letters of Jäger and 50 Snellen, barely at twenty feet. Slight hypermetropia, but sight not improved by glasses. Optic discs pale at the temporal portion; no other changes. The physiological cup very large in each, and in one eye spontaneous pulsation of the vein,[178].—Complained for three years past that he had been unable to find suitable spectacles. The sight had failed gradu-

ally, but he believed that it had remained stationary for about six months prior to his admission. Vision, without glasses, each eye = 18 Jäger, and not 200 Snellen, at twenty feet. Pupils active, the left rather larger than the right. Is using strong glasses (+ 5), but they are of little service. Optic discs definitely pale all over, but much more so on the yellow-spot side. No other changes, unless a slight mistiness of the retina around the discs,[171].—Vision $\frac{1}{20}$; nothing in the distance. Discs decidedly whiter at the outer than at the inner part. Dimness came on suddenly; as he was walking, "a lot of gnats seemed to come before the sight;" sight has not got much worse since that time,[174].—Vision $\frac{20}{200}$. O. Ds. congested and somewhat swollen and slightly hazy; vessels not obscured,[174].—Failure began six years ago; right failed two or three weeks before left. It began as if a large drop of water was before the eye; this increased in size; also a floating muscæ before each. Discs rather pale, left universally, right only on yellow-spot side,[114].—Amblyopia, accompanied by intolerance of light, especially blue. Very slight pressure on eyeballs makes vision worse,[174].—She becomes almost blind for a few minutes, towards evening; it seems as though a veil were before the eyes; on rubbing the eyes it becomes worse (third day),[2].—His sight was so imperfect that he could not see small objects, even when near him,[53].—[**270.**] Blindness almost complete,[117].—Darkness before the eyes,[10].—Vanishing of sight,[137].—Vanishing of vision, on looking at a white object,[1].—Complains of seeing double whenever he uses the smallest amount of tobacco; he says that in ten minutes after smoking a part of a segar, or after chewing a little tobacco, he begins to see double, and a kind of dimness or confusion of sight, as if black dots filled his visual field comes on. When he abstains from tobacco for awhile he improves, and his vision becomes single and clear. The tobacco condition is always *aggravated*, in a very marked degree, by any kind of stimulant. I found, on examining him, vision in each eye $\frac{21}{100}$. Insufficiency of the internal recti, so that behind a screen there is a divergence of one and a half lines. Double vision for distant objects; monocular vision for near objects; cannot diverge both eyes on it. Optic disk pale, partly atrophied, eye otherwise normal,[141].—Increased presbyobia,[129].—Flickering before the eyes (first day),[2].—Fog before the vision,[126].—Black spots before the eyes,[78].—More black points than usual before the eyes, on looking (first day),[2].—[**280.**] The disturbance of vision resulting from the abuse of tobacco cannot be distinguished from that caused by alcoholic drinks; we find an irregular, variable irritation and irritability of the retina, sometimes central scotoma, with improved vision in the dark; diminished extent of accommodation (one of the first symptoms); at times increased intraocular pressure; pupils moderately dilated and sluggish,[138].

Ear.—The ears are red and burning hot (first day),[2].—Tearing in front of and beneath the right ear (second day),[1].—Sticking behind the left ear, with somewhat hard red swelling (sixth day),[2].—Pains within the ear, on touching the outer ear (sixth day),[2].—Violent earache twelve months ago, with giddiness and overpowering sleepiness,[174].—Painful gnawing in the right ear (after five minutes),[1].—Some painful tearing in the right ear (first day),[1].—Jerking tearing in the right ear and in front of it, externally (second day),[1].—Fine tearing and sticking in the lobule of the right ear,[1].—[**290.**] Tickling in the ears (third day),[2].—Sticking in the ears, during music (fifth day),[2].—Stitches in the ears, especially in the open air (second day),[2].—Stitches in the ears (first, third, fourth, fifth, sixth, and ninth days),[2].—Sensation as if something stopped the ears (second

day),[2].—Ears seem stopped, especially the right (third and fourth days),[4a]. —***Hearing.*** Hyperæsthesia of the acousticus against music and loud talking,[121].—Sensitive to the slightest noise,[159].—Deafness not complete, but hearing very dull,[117].—Noise in ears occasionally,[167].—[**300.**] After sunset, indoors, fluttering in right ear, both heard and felt (first day),[152].—Ringing in the ears,[40].—Roaring in the ears,[2 78 96 126].—Roaring and rushing in the ears,[42].—Roaring in the ears for several days, especially in the morning,[4a 4b].—Humming in the ears, aggravated by loud noise or by going into the open air, for several days,[4a].

Nose.—Ulceration of the nose,[159].—Sneezing several times, after which the head felt freer (fourth day),[2].—Constant desire to sneeze,[164].—Fluent catarrh (first, second, fourth, and fifth days),[2].—[**310.**] Fluent catarrh, with acute smell (fourth day),[2].—Dry catarrh (third day),[2].—Constant discharge of watery mucus from the nose,[36].—Twelve had frequent epistaxis,[143]. —Bleeding from the nose and lungs,[76].—Nose stopped (third and eighth days),[2].—Dryness of the nose,[1 76].—Sensation of pressure and formication in the Schneiderian membrane,[48].—Drawing pain in both angles of the lower jaw (third day),[2].—Crawling in the nostrils (fourth day),[2].—[**320.**] Burning under the nose, as from violent fluent coryza (tenth day),[2].—Sudden burning in the left nostril (first day),[1].—***Smell.*** Hyperæsthesia of the olfactories, especially against tobacco and cologne water,[131].—Very acute fine smell, in the morning (second day),[2].—Diminished smell (first and third days),[2].—Smell very weak; but she is very sensitive to the odor of wine, so that from an empty wineglass, standing in the room, she became almost befogged (fourth day),[2].

Face.—Objective. Muscles of the left side of the face permanently contracted, as in apoplexy,[17].—Face emaciated, pale, and stupid-looking,[117]. —Expression of the countenance that of stupefaction,[70].—Altered expression of face, etc.,[94].—[**330.**] Features pinched and contorted,[166].—Austere gloomy expression, as if indifferent to everything on account of being exceedingly discouraged,[95].—Expression stupid,[107 108].—Features drawn,[105].—**Features sunken* (third day),[121].—Countenance indicating lassitude and exhaustion,[140].—Anæmic or cachectic look,[109].—A peculiar alteration of the complexion; this is not a mere want of color, an ordinary pallor; it is a dullish gray appearance of the face, partaking both of a chlorotic tinge, and of that belonging to certain cachexias. It imparts to the countenance a characteristic look by which a practiced eye can recognize those who have been engaged beyond a certain length of time in the manufacture of tobacco; for it must be remarked that this facial aspect is only to be observed in the case of veteran workers,[90].—**Pale face*,[93 95].—**Face very pale*,[53 55a].—[**340.**] **Face deathly pale*,[10 175].—***Deathly paleness with the nausea*,[1].—**Face pale and contracted*,[70].—***Face pale, collapsed, covered with cold sweat*,[85].—Looks pale and depressed,[122].—**Pale face, with drawn features and deeply sunken eyes, surrounded by blue rings*,[77].—Suddenly became pale, with lividity of the lips, and all the appearances indicating syncope,[83].—Sickly-looking, thin, and pale as a ghost,[81].—Pale-gray color of the face,[76].—Wan, or rather yellowish complexion, resembling the carcinomatous physiognomy,[95].—[**350.**] Face red and swollen,[151].—Face alternately red and earthy pale,[58].—Dark-red face,[33].—Countenance suffused with a deep livid color,[37].—Face brownish red,[35].—Face slightly reddish brown,[34].—Face bluish and drawn,[17].—Face violet,[36].—***Subjective.*** **Violent tearing in the bones of the face and teeth, in the evening* (fifth day),[1].—Very transient feeling through the middle of the face, as though dead

(after eight hours),[4c].—***Cheeks.*** [**360.**] Cheek sallow and sunken,[69].—Circumscribed redness of the cheeks, especially of the left; this symptom was so prominent that his wife could always tell by it when he had been smoking to excess,[147].—***Lips.*** Owing to the smoking of tobacco, cancer of the lip presents itself in twenty-seven times out of a hundred cases among men, and one and a half in a hundred among women,[86].—Lips cracked, painful (eighth day),[2].—Upper lip rough and dry, with burning sensation (tenth day),[2].—The lips are livid,[95].—Lips pale and bloodless,[166].—Lips pale,[167].—Upper lip feels elongated (after smoking half a segar, indoors),[165]. —***Chin.*** Contraction of the jaws,[35].—[**370.**] Violent contraction of both jaws,[34].—Lower jaw dropped,[77].—Painful drawing in the right side of the lower jaw (second day),[1].—A stitch in the articulation of the jaw, when laughing (third day),[2].

Mouth.—Teeth. Chattering of the teeth from cold, in the evening (fifth day),[2].—Lips drawn back, showing the teeth, which were covered with dark sordes (third day),[121].—Caries of all the teeth,[159].—Teeth good, but dirty and stained,[167].—Toothache, continuing until nearly all the teeth were lost,[159].—Violent drawing-tearing toothache in the upper teeth, extending towards the forehead (eighth day),[2].—[**380.**] Drawing pain in the upper teeth, disappearing on pressing on the cheeks (third day),[2].—Sharp tearing in the teeth of the right lower jaw (after half an hour),[1].—Toothache becomes intolerable,[4].—Sudden violent toothache, with heat of the face and dizziness,[5].—When biting upon hollow teeth a sticking in them (third day),[2].—Violent, persistent, throbbing toothache, in several hollow teeth,[6].—In a vast number of extreme cases of smoking, when those who have indulged in such excess have had what has been called toothache, their sufferings have been great, yet in most instances I have observed that the crowns of the teeth seemed perfect, excepting that the enamel appeared to be altered in structure and color, and, therefore, I directed my special attention to the state of the fangs, and found them, in all such cases, denuded of their periosteum, being rough at the extremities, as if rasped; whilst the color of the fangs themselves resembled horn, being of a darker hue than healthy dentine, and of a porous appearance, differing materially from the usual dense substance which envelops them. In consequence, therefore, of the active absorption going on, the affected teeth act as extraneous bodies and produce much local irritation. Hence I am led to the inference that tobacco affects the teeth themselves, and that the affection must not be confounded with their injury induced by the acidity often caused by stomach derangement, resulting from an inveterate habit of smoking. The symptoms of the "smoker's disease" are as follows: More or less uneasy sensations about the crown of the teeth, which gradually extends to the fangs; at this stage of the disorder, if the teeth are touched, there is a tenderness experienced, and if bitten on in this condition, a sudden and most painful sensation is experienced; as the disease proceeds, the patient seems cognizant of the immediate seat of the disease, the agonizing pain being confined to the bottom of the alveolar process of the affected tooth or teeth, which is attended with a palpable throbbing, or, as an unscientific patient expressed it, a "jumping pain." The most distressing symptoms are felt under vicissitudes of climate; in great and sudden changes from heat to cold, or *vice versa;* or after drinking spirits and water, wine, beer, or any other alcoholic stimulants; in other words, the teeth, under this affection, suffer from anything that accelerates the circulation. Among many of my most intelligent patients, when there happened to be a space (from previous extraction) between the affected teeth, they have described

their sensation as if a series of galvanic or electric shocks continually passed from tooth to tooth, and tired at last by this continued disturbance, they have had the offenders forcibly removed,[75].—***Gums.*** Gums pale and parched,[167].—Drawing in the gum (fourth day),[2].—***Tongue.*** Tongue tremulous, red and dry,[117].—[**390.**] Constant trembling of the tongue and extremities,[78].—Tongue pale, trembling constantly,[77].—Tongue entirely covered with a thick brown-yellow coat, very adherent and smooth, notwithstanding the prominence of the papillæ,[93].—Yellowish tongue, not coated,[95].—Tongue thickly furred,[151].—Tongue coated,[109].—Tongue dry and dark red in color,[148].—Tongue dry and white,[79].—His tongue, without being furred, is whitish, and trembles,[59].—Tongue red and dry,[167].—[**400.**] Tongue dry, parched, and covered with a blackish-brown crust (third day),[121].—Dryness of the tongue and lips,[1].—Fine stitches in the tongue, soon,[4c].—Alienation of taste of tongue, with sensation as if the back of the tongue were filled with the settlings of his pipe; day and night this taste persecuted him; mixed itself up with his food and drink,[130].—Tongue feels swollen, so that in speaking his words run into each other (after smoking half a cigar, indoors),[165].—***General Mouth.*** Corners of the mouth sore (after second and fourth days),[2].—**Frothing from the mouth*,[35].—The breath and the cutaneous secretion oppressively charged with the odor of tobacco,[148].—Swollen glands under the tongue, painful to external touch (eighth day),[2].—Four had ulceration of the mucous membrane of the mouth,[143].—[**410.**] Yellowish mucus from the mouth,[34].—***The mouth is full of white tenacious mucus which must be frequently expectorated,**[1].—Dryness of the whole mouth, with violent thirst,[1].—Dry mouth,[95].—Great dryness of the mouth,[42].—*Burning in the mouth and throat*, soon,[4a b c d].—Burning-scraping warmth in the throat and œsophagus, extending to the stomach,[49].—Great hyperæmia of the mucous membrane of the mouth and pharynx; pharynx covered with granulations, with dryness, and a varnished appearance,[164].—***Saliva.*** ***Salivation,**[160].—**Constant profuse ptyalism*,[174].—[**420.**] **Increased secretion of saliva*,[4].—**Accumulation of saliva in the mouth*,[51].—**Spits much*,[61].—**Constant running of thin watery saliva from the mouth*,[77].—***Taste.*** Taste bad,[167].—Bad taste in the mouth, as of burnt milk,[1].—Bad insipid taste, in the morning, as from disordered stomach (second day),[2].—Mouth insipid, in the morning (second day),[4c].—Flat slimy taste, in the morning (third day),[2].—Everything tastes sour (third day),[2].—[**430.**] Sour taste in the mouth (third and sixth days),[2].—Water tastes as if mixed with wine (third day),[2].—A very bitter taste in the mouth (tenth day),[2].—Bitter taste in the mouth, in the morning after waking (fifth day),[1].—In December, 1856, after having, perhaps, for some time, smoked more than usual, I perceived in my mouth a disagreeable taste, like that of rancid oil, which lasted for eight days, ceasing only during a meal, and returning an hour after, in spite of all efforts to remove or disguise it. At the end of a few weeks, a yellowish spot appeared on the edge of the tongue. This spot, which at first was the size of a half-dime, looked exactly as if a piece of dried lichen had been planted there. It seemed as though I could detect, by sucking at it, that here was the immediate cause of the bad taste in my mouth. It grew a little larger by slow degrees. Soon another similar spot appeared on the arches of the palate,[96].—***Speech.*** Speech difficult,[107 126].—While reading he cannot articulate; he reads very indistinctly, quite contrary to habit (first day),[2].—Speech faltering, and mind uncertain,[148].—Speech difficult and unintelligible,[78].—Power of speech wanting,[77].—[**440.**] The patient could speak only in a low tone and in a

broken manner, and complained of exhaustion, confusion of the head, and a mouldy taste of tobacco,[3].—Almost speechless; her voice was hoarse and she could only murmur some inarticulate sounds,[117].

Throat.—Hawking of mucus (first day),[2].—Much tenacious mucus in the throat (ninth day),[2].—Tenacious mucus in the throat, which cannot be raised,[1].—Choking,[64 133].—Nocturnal attacks of tightness of the throat, with palpitation and neuralgic pains in the neck,[104].—Sore feeling in the right side of the pharynx when not swallowing,[1].—Irritation to cough and scratching in the throat (second day),[2].—Frequent irritation in the throat and larynx, exciting violent fits of dry cough, chiefly at night,[92].—[**450.**] Scraping in the throat,[88].—Scraping and pressure in the throat and larynx,[48].—Scraping in the throat the whole afternoon (second day),[2].—The throat is so scraping and dry that she can scarcely swallow (second day),[2].—Rawness and scraping in the throat (soon),[1].—Dryness of the throat,[2 128].—Throat parched,[150].—Throat dry and irritable,[167].—Pressure in the throat as if something were sticking in it (second day),[2].—Tickling and raw feeling in the throat,[1].—[**460**] Tickling in the throat, rising up and provoking frequent cough (after half an hour),[1].—A crawling sensation in the throat, which is painful on swallowing,[1].—Transient stinging sensation of heat in the pharynx, soon,[7].—***Uvula and Tonsils.*** Uvula œdematous,[164].—Catarrhal inflammation of the tonsils,[50].—Tonsils enlarged,[167 109].—***Fauces.*** Diffused redness and dryness of the fauces and roof of the mouth,[157].—Redness of fauces,[109].—***Pharynx and Œsophagus.*** Pain in the pharynx on swallowing,[164].—Rawness and scraping in the pharynx,[51].—[**470.**] Biting and scraping in the pharynx (immediately),[135].—Scraping and burning in the pharynx,[47].—Burning in the pharynx,[45 46 50].—Heat in the pharynx after swallowing,[7].—Periodic sensation of a plug in the œsophagus, with constant dull pressure,[6].—Pressive pain in the lower part of the œsophagus on swallowing food (after three hours),[4].—***Swallowing.*** Swallowing very painful, owing to spasms of the throat,[117].—At times great difficulty in swallowing (after three days),[121].—Swallowing was very difficult, even a small quantity was swallowed with the greatest effort,[77].—Deglutition difficult (impossible, except when the article to be swallowed was placed low in the throat),[80].—[**480.**] Unable to swallow,[119 149].—***External Throat.*** Tensive pain in the submaxillary glands, with a feeling as if swollen, and as though the lower jaw had lost its mobility, soon,[4c].

Stomach.—Appetite and Thirst. Increased appetite (first day),[2 45 46 51 92].—Appetite inordinate,[109].—Ravenous appetite,[50 147].—Incessant hunger; if she eats nothing she is nauseated (sixteenth, seventeenth, and eighteenth days),[2].—Immediately after vomiting, he can again eat with appetite,[1].—Paroxysms of canine hunger,[92].—Appetite, but cannot eat,[95].—The desire for food was not nearly so great as in the experiment without Tobacco, neither was there so great a degree of debility,[87a].—[**490.**] She has neither hunger nor appetite, and the food at noon disgusts her,[1].—Appetite failed several months before sight,[174].—Smoking just before eating diminished the appetite,[9].—Appetite bad, in the morning,[174].—Loss of appetite,[10 36 42], etc.—Appetite diminished somewhat and had lost much flesh,[174].—Appetite and digestion gone,[67].—Twenty-three had a strong appetite for alcoholic drinks,[143].—Anorexia,[66 79 91].—* *Thirst,*[56].—[**500.**] Increased thirst,[1].—Violent thirst,[42]; in the evening (fourth day),[2].—*Great thirst, especially at night,*[136].—Great thirst, but could not drink much at a time,[32].—Frequent drinking of only small quantities of water,[77].—A morbid craving for stimulants and narcotics,[142].—No thirst; water will not go down (twelfth day),[2].

—Almost no thirst (usually she drinks a great deal), (first and second days),[2].—Aversion to drinking water (second and fourth days),[2].—No thirst,[95].—***Eructations.*** [510] Eructations,[46].—Several eructations (after half an hour),[4b].—Constant eructations,[108].—Frequent eructations, with pain in the epigastric region,[36].—Frequent empty eructations (first day),[2].—Frequent eructations tasting of the food (first day),[2].—Frequent eructations, nausea, and qualmishness (first day),[2].—Regurgitations of small quantities of food,[159].—Sour hot eructations, in the morning (third day),[2].—Acid eructations,[56 57 58].—[520.] Very loud eructations all day, especially after eating (third day),[2].—Inclined to eructate,[4c].—***Hiccough.*** Hiccough (first and second days),[2 55 166].—Spasmodic hiccough (tenth day),[2].—***Heartburn.*** Heartburn,[58 174].—Heartburn, rising from the stomach into the throat (fourth day),[2].—***Nausea and Vomiting.*** ***Nausea,[9 10 11], etc.—Nausea, rising up from the pit of the stomach,[45].—Nausea and griping in the abdomen (first day),[2].—Nausea, with stitches in the left temple (second day),[2].—[530.] Became suddenly nauseated, and soon vomited freely,[139].—Constant nausea,[149].—**Incessant nausea and frequent vomiting,[85].—***Feels exactly as if seasick; has the same vertigo, with nausea, coming in paroxysms, during which the body is covered with a cold sweat,[95].—**Great nausea, amounting almost to faintness, which disappears in the open air* (second hour),[2].—** When sitting quietly she feels rather well, but if she moves in the least she is excessively nauseated,[1].—The stomach feels unsettled (first day),[2].—Qualmish, with pressure in the stomach (first day),[1].—Complained of faintness and feeling sick (in half an hour),[71].—Nausea, with inclination to eructate, followed by relief of the oppression of the pit of the stomach,[6].—[540.] **Qualmish nausea* (second day),[1 2].—Is nauseated, in the morning on rising (second day),[2].—Nausea, with accumulation of water, soon,[4a].—Nausea, and irrational talking for an hour,[7].—Qualmishness, in the morning, on hawking up mucus, with insipid taste in the mouth (eighth day),[2].—Sick and drowsy (after one hour),[169].—Nausea, and inclination to vomit,[51].—Retching and vomiting (man),[32].—Violent retching and vomiting,[87].—Nausea and violent vomiting; vomiting of a large quantity of blood, afterwards vomiting of mucus three times,[175].—[550.] Ineffectual inclination to vomit and eructate, soon,[4].—**Violent efforts to vomit,[36].—Gulping efforts at emesis,[166].—Retching,[10].—***Nausea and vomiting,[17 43 82 160].—Nausea and violent vomiting,[558].—***Vomiting,[7 8], etc.—Vomited often, at first,[117].—Constant vomiting,[134].—*Violent vomiting,[22 23 88].—[560.] Vomiting of whitish mucus,[35].—Spasmodic vomiting,[55].—Nearly incessant vomiting all night,[155].—Vomiting and diarrhœa,[9 167].—Violent vomiting, with anxiety and great weakness,[24].—Vomiting following pain in the head,[128].—So long as he sits still he can always keep from vomiting, but as soon as he moves he begins to vomit again,[1].—Violent vomiting, followed by retching,[3].—Violent vomiting from irritation in the larynx,[78].—**Sometimes vomiting, in the morning, even before breakfast; vomiting of watery liquid, sometimes insipid, sometimes bitter,[95].—[570.] Vomiting of only water, with which it becomes green and yellow before the eyes,[1].—**Easy vomiting of sour liquid* (after one hour),[2].—Vomiting of a sour liquid, with mucus, followed by great relief (third day),[2].—Sour and slimy vomiting, with considerable effort, in the morning (eighth day),[2].—Vomiting of blood,[14].—A good deal of bloody vomiting, two or three times repeated,[95].—Vomiting of a mass of liquid in one long stream,[17].—The stomach frequently refused to retain the food,[159].—Immediately after purging affected with sickness, and vomited a large quantity of brownish fluid, mixed with frag-

ments of what was immediately recognized, by its color and appearance, to be cut cavendish Tobacco,[83].—Persistent efforts to vomit,[77].—[**580.**] Generally, relief from vomiting,[95].—***Stomach.*** Distension of the epigastrium,[126]. —Dyspepsia,[91].—Dyspeptic and hypochondriac,[64].—Dyspepsia, more or less for ten years, attended with nervous palpitation and acidity, hypochondriasis, and epigastric sinking,[59].—Severe indigestion,[174].—Food did not digest well,[58].—***Sinking at the pit of the stomach,**[58 64 60].—Sinking at the epigastrium for many years,[63].—Sudden sinking at the pit of the stomach and faintness, which obliged him to lie down in the field,[62].—[**590.**] Disturbance of the gastric functions,[104].—* *Weakness of the stomach,*[84 175].—Weakness of the stomach for a long time after vomiting,[1].—Faint feeling at the stomach from fasting a short time,[92].—* *Sensation of relaxation of the stomach, with some nausea* (second day),[2].—Gastrodynia,[56].—Gastralgia,[58].—Placed his hands to the pit of the stomach, frequently drawing up his legs, as if he suffered great pain in the abdomen (after three days),[121].—Pain in the stomach,[56].—Painful sensations at the pit of the stomach,[67].—[**600.**] Painfulness of the epigastric region,[79].—Violent pains in the stomach,[134].—Constant indefinite pain in the pit of the stomach, always worse at night, at times accompanied by pulsation and anxiety,[159].—Two or three hours after every meal, however light, excessive pains in the stomach, followed by vomiting,[95]. —Excessive pain in the stomach and intestines,[78].—Pit of the stomach sensitive to pressure,[108].—The next morning he had a pain in the stomach, as if he had swallowed something which was too large. He could hardly eat breakfast, deglutition gave him so much pain. He points to the epigastrium when locating the pain. He says it is as if at a certain spot the bolus was forced through too small an opening, and when the food is once in the stomach, it occasions a "bursting" or distensive pain. Fluids occasion a similar pain, but not so intense. Warm drinks occasion less suffering than cold while swallowing, but their presence in the stomach somewhat alleviates the burning pain. He also observes, on taking a full inspiration, a stitchlike sharp but not acute pain, which extends from the epigastrium directly backwards to the spine. This sensation feels as if it would be relieved by an eructation, but it is not. Twenty-four hours afterwards, he was afraid to eat or drink because of the pain. He has never had anything like this before; all that he has ever noticed from the use of Tobacco was a sense of sinking at the epigastrium,[139].—Epigastric region painful to pressure,[70].—Pressure in the stomach,[48].—Sensation of a hard substance in the stomach, with nausea,[76].—[**610.**] Pressive sensation in the stomach,[1].—Pressure in the region of the cardiac orifice of the stomach while eating,[4a]. —Slight pressure in the pit of the stomach during and after dinner,[4b].—Spasmodic pressure in the region of the cardiac orifice of the stomach, soon,[4 4a].—Constrictive pain in the stomach after eating (eighth day),[2].—Pinching at the stomach immediately after a meal, shortly followed by a diarrhœic stool, which habitually occurred three or four times a day,[92].—Violent clawing in the stomach after eating (eighth day),[2].—Feeling as if the stomach would turn over (first day),[2].—Cramp in the stomach (second and sixth days),[2].—Twisting movement in the pit of the stomach, with inclination to vomit; lachrymation, and accumulation of water in the mouth, for a quarter of an hour,[4c].—[**620.**] Shocks at the epigastrium,[63].—Shocks at the epigastrium when going to sleep, but after awhile in the daytime, with profuse perspiration,[62].—Shocks at the epigastrium, coming on at the first hour of slumber, which were repeated several times in the course of the night, and often in the morning before breakfast,[60].—Shocks at the

epigastrium at night, on first going to sleep, which started him up in great agitation and alarm,[59].—Shocks at the epigastrium to such a degree that his sleep was a succession of starts, which nearly wore him out; at the end of two years they came upon him during the day; he described them as like shocks of electricity,[58].—Shocks at the epigastrium, with a sinking sensation at the pit of the stomach,[57].—A shock in the epigastrium which started him in great alarm from his sleep, repeated several times in the night, and as often as he fell into a slumber,[56].—Cardialgia,[56 57].—Burning in the stomach (after a quarter of an hour),[2].—Burning in the epigastric region and frequent eructations,[5].—[**630.**] Great burning in the stomach,[147]. —Heat in the epigastrium or abdomen,[160].—Sensation of warmth in the stomach,[7 48].—Feeling of coldness in the stomach and inclination to vomit,[1]. —Feeling of coldness in the stomach and along the spine,[1].—Stitches in the pit of the stomach (fourth and twelfth days),[2].—Stitches in the pit of the stomach, extending through the back (seventh day),[2].—Violent stitches above the pit of the stomach, less during rest (second day),[2].—Discomfort in the stomach,[120].

Abdomen.—Hypochondria. Liver enlarged,[167].—[**640.**] Acute inflammation of the liver after an extraordinary bout of smoking,[125].—Pressure in the hypochondria (first day),[2].—Stitches in the hypochondria (first and seventh days),[2].—Sensitiveness of the entire gastric region to slight pressure. But the real seat of pain was the left hypochondria, immediately below the heart. Slight pressure relieved it temporarily, it never ceased entirely, but came on in paroxysms, mostly excited by motion, though it would also take place, albeit only at long intervals, in a state of complete rest. The patient described this pain as being an exaggeration of that which is felt in the region of the spleen after running too long.[93].—When pressing upon the hepatic region pain extending to the pit of the stomach (tenth day),[2].—Stitches in the hepatic region relieved by stooping, could not stretch out on account of it (tenth day),[2].—Stitches in the hepatic region (fourth day),[2].—Several times stitches in the hepatic region under the last ribs, towards evening (first day),[2].—Fine stitches as with a needle in the liver, aggravated by breathing (first day),[2].—When walking, stitches in the liver, which extend toward the pit of the stomach (tenth day),[2].—[**650.**] Burning sticking externally in the left hypochondriac region (after five minutes),[2].—***Umbilicus and Sides.*** Painful retraction of the navel, especially on stooping,[1].—Cramplike pain in the umbilical region,[1]. —Cutting pain about the navel (fifth day),[2].—Pressive pain in the umbilical region with cramplike retraction of the navel,[1].—Pressive sensation beneath the right short ribs, as if a heavy weight were lying there, the place is also painful to touch,[2].—Digging and pressive feeling in the umbilical region,[1].—A pressive, painful feeling in the region of the kidneys,[1]. —Stitches beneath the right short ribs (fourth day),[2].—Sharp stitches in the right flank (second day),[1].—***General Abdomen.*** [**660.**] Abdomen distended,[108].—Abdomen excessively swollen, hard, tense, very painful to the slightest touch,[77].—Belly retracted,[117].—Abdomen contracted,[17].—Retracted abdomen with rumbling,[40].—Flatulence and nausea,[167].—Frequent movements of flatus with pain in the abdomen, followed by diarrhœa with tenesmus, in the evening (seventh day),[1].—Rumbling in the abdomen,[1 2 51].—Rumbling in the transverse colon,[45].—Rumbling in the colon and inclination to stool,[46].—[**670.**] Rumbling, gurgling, and griping about the abdomen (first day),[2].—Rumbling and gurgling in the abdomen on deep breathing, lasting eight days,[2].—Rumbling in the abdomen, and a feeling of coldness

over the whole body,[1].—Very violent, almost incessant rumbling in the abdomen the whole afternoon, while taking a walk (tenth day),[2].—Pain in the abdomen,[38 52].—Pain in the abdomen with distension,[1].—Frightful pains in the abdomen,[77].—Considerable looseness, and pain in lower part of abdomen (woman),[32].—Repeated attacks of what he called "biliousness," pain in the bowels, and purging,[156].—Severe pain in bowels, their action was arrested, necessitating the use of enemata,[150].—[**680.**] Frightful pain in the abdomen, a violent burning which caused loud cries, the pains afterwards involved the whole abdomen, especially the epigastrium,[17].—Violent contractions in the muscles of the abdomen,[17].—She woke after midnight with sensitiveness in the abdomen, so that she could scarcely be touched without internal pain, followed by a soft stool with relief of the pain; at 4 A.M. the same symptoms were renewed (first day),[1].—The entire abdomen, but more especially the pit of the stomach and the hepatic region, are so sensitive that the pressure of his uniform tunic is intolerable,[95].—Some months after, ceasing to smoke, I was induced to smoke incessantly, during a nine-hours' journey in the company of smokers, and in consequence, *the taste of rancid oil* returned, with such intensity, that it would have turned my stomach, had it not been disguised by the same means which had excited it. On approaching Paris, I felt some slight lancinations in the hypochondria, which I scarcely noticed. Feeling as if the abdomen was larger than usual; and on the other hand, while it was the seat of a dull pain, little increased by pressure, it was as if paralyzed; I touched it, and my hands alone were sensitive of the contact. I noticed also a difficulty in articulation, resulting from a kind of numbness, hitherto quite unfelt, not only of the tongue, but of the muscles of the cheeks and lower jaw, which were affected with a slight nervous agitation when I tried to speak. These last symptoms, however, which I attributed to fatigue, ceased for the most part on my arrival at home. It was then 8 P.M.; I had an excellent appetite, my dinner awaited me, and I took my seat at the table with extreme pleasure. The soup seemed excellent, it doubtless was so, but alas! I was unable to enjoy it. I had taken scarcely three or four spoonfuls when a sudden, piercing, indescribable pain, so excessive as to make me cry out, forced me to drop my spoon, and throw myself back in my chair, pale as a corpse, bathed in a cold sweat, breathless, as if in the agonies of death. Judge how my family were terrified! The disorder had broken out so suddenly and with such violence, that I had not the chance to utter a word, and only my hands clasped over the stomach served to point out the seat of my suffering. However, I succeeded, with some difficulty, in getting into bed. I was covered with hot cloths, which were renewed every minute, and greatly relieved me. I felt my pulse—it was never quieter; I pressed hard on the stomach and abdomen, they scarcely felt it. A quarter of an hour passed, my appetite returned, I was hungry, very hungry, and without quitting my bed (very fortunately, as it turned out) I resumed my dinner, which seemed to have been interrupted by a horrible nightmare. So incredible, so rapid a change, caused the friends who surrounded me to smile amid their recent tears; they brought me the wing of a fowl. I eagerly swallowed a few mouthfuls; it was too much, a hundred times too much. The pain has got me again—it is terrible! I have had extracted in my time a big molar, whose root had grown to the lower jaw, and which broke twice under the dentist's turnkey. In 1849 I had cholera so badly that I was blue all over, as my venerable friend Dr. Peters can testify, who kindly attended me at the time. Well, I boldly

declare that the pain I am now speaking of was worse than either. A horrible night it was, that night of February 21st, 1858. First, I vomited (but only by taking tepid water and tickling the uvula), a little food mingled with a very bitter fluid. It seemed to me that this vomiting relieved me by bringing out the sweat which marked the height and turning-point of the attacks. These lasted altogether from twenty to thirty minutes, becoming rather longer towards morning. Each of them was over in from one to three minutes, during which I could only keep from crying aloud by prodigious efforts of will. They were accompanied neither with nausea nor colic, and excited neither stools nor urination, but yielded in every case to a very copious sweating, which usually marked the close of a paroxysm. After the cessation of one attack I felt remarkably easy. Then my face, a moment before greatly altered and of a cadaverous pallor, regained its color and natural expression, and I had no more pain anywhere. During the 22d, I had three of these attacks, in the daytime. The first one took me (I believing myself cured) when I was away from home, but only a few steps from it. Fortunately a carriage was standing at my door. I beckoned to the driver, and he came to my help before I fainted in the street. On the 23d, I was well and without an attack, thanks to lying in bed, and the strictest diet, despite a very sharp appetite. On the 24th, after a very good night and feeling admirably, I took a few spoonfuls of chocolate, and went out in a carriage. But scarcely had ten minutes passed when I felt another attack coming on, and returned home quite desperate. 25th and 26th, strict diet, rest in bed, and no attack. 27th, chicken-broth; I could sit up a little; felt same wandering pains in the sides, but no decided attack. Three days after, I returned to my usual diet and mode of life. The tongue, which was loaded after the forced vomiting, is still a little yellow at the root. The pulse, which for eight days had continued quite regular (even in the most violent of the paroxysms) is still a little slower than usual; but this I attribute to deprivation of food. No trace of pain. The stools are normal, and there has been no constipation. March 5th, having felt very well for five days, I tried to smoke a segar, and immediately, that is, after the third and fourth puff, felt sharp, characteristic pain in the pit of the stomach; rancid taste in the mouth; sweat on the forehead; an attack was impending, which would certainly have occurred *if I had gone on smoking*.[96].—Colic,[40 44 51 88].—Colic, in the morning (fifth day),[2]—Colic, as from a purge, towards evening (eighth day),[2]—Violent colic,[160 162].—Colic and diarrhœa,[7]—Colic, followed by violent cramp in the stomach, great nausea and salivation (tenth day),[2].—[**690.**] Movements about the abdomen as if diarrhœa would come on (first day),[2].—Griping in the abdomen (first and fourth days),[2].—Griping and rumbling in the abdomen for twelve days (after four days),[2].—Griping in the abdomen, followed by clawing pain in the stomach (fourth day),[2].—Pinching and griping in the abdomen,[55a].—Shocks in the bowels at night when first getting into a drowse; at length they came on in the daytime, with epigastric sinking, costiveness and general dyspepsia,[61].—Pressure in the upper abdomen,[48 49].—A feeling of weight and distension in the abdomen,[167].—Tearing in the abdomen at night (eighth day),[2].—A number of sudden fine stitches in the whole abdomen (after half an hour),[1].—[**700.**] Heat in the intestinal canal,[21].—***Hypogastrium and Iliac Region.*** Violent pressive pain in the lower abdomen with nausea and inclination to vomit,[1].—Violent pressive pains in the lower abdomen with chilliness of the whole body,[1].—Pressive pain in the lower abdomen

with relief from emission of flatus,[1]. — Sensation of powerlessness in the right groin (fifth day),[2].

Rectum and Anus.—Burning pain in the anus after the stool,[1].—Itching in the anus,[48].—Repeated ineffectual urging to stool, followed by a hard evacuation several hours after the usual time,[4d].—Tenesmus and violent pain in the small of the back during stool, though the evacuation was soft (fourth day),[2].—Frequent urging to stool in the morning (eighth day),[2].—[**710.**] Desire for stool with frequent tenesmus in the rectum (after four minutes),[2].—Violent straining at stool with pressure as if the fæces were retained, yet the stool was soft,[2].—Straining and violent burning in the anus during stool (eleventh day),[2].—Frequent desire for stool, but always a scanty evacuation, preceded and followed by sore pain in the abdomen (second day),[1].

Stool.—Diarrhœa. Diarrhœa,[9 11], etc.—Profuse diarrhœa,[76 162].—At intervals, violent diarrhœa, accompanied with severe gripings, lasting sometimes several days, and followed by constipation,[92].—The diarrhœa was not like that produced by tobacco in the provings; it was *urgent, watery, painless;* one movement on rising in the morning, and four or five before reaching his office, and *no more till next morning;* cured in two weeks,[136].—After one or two years the symptoms of chronic poisoning begin with serous diarrhœa, followed by a peculiar change in the color of the face, which becomes a pale gray; the blood becomes very thin, and passive congestions occur,[68].—He was subject, for eighteen months, to severe attacks of diarrhœa, which almost invariably came on at night, about 2 A.M. On discontinuing the use of tobacco, these attacks ceased,[72].—[**720.**] Simultaneously with the convulsive attack, he was purged to a most unusual and extraordinary extent, the whole bed and floor around it being flooded, as it were, with the discharges, which consisted of feculent matter of a dark greenish-brown color,[83].—Diarrhœa with vomiting and delirium (after two hours),[97].—Involuntary evacuations,[54].—Involuntary evacuations at times of both urine and fæces,[108].—Bowels very loose, especially in the morning; generally has to rise from bed about 4 A.M., in consequence of a call to stool, and he has frequently two or three evacuations before breakfast also; the motions are of a good color, only thin,[99].—Purging several times (second and third days),[2].—Purging and emission of flatus immediately after eating (fourth day),[2].—Purging three times with sore pain in the anus (fourth day),[2].—Purging with colic (fourth day),[2].—Five diarrhœa-like stools at night, with burning and tenesmus in the anus (seventh day),[1].—[**730.**] Liquid, very offensive evacuation, followed by tenesmus,[1].—Green, slimy diarrhœa with tenesmus,[1].—Frequent thin evacuations,[47].—Thin evacuation of the bowels, increased in quantity,[51].—Stool at the usual time, and rather thinner than usual (first day),[2].—Stool softer than usual,[49].—Frequent pasty stools,[48].—Involuntary thin stools,[88a].—Habitual soft and often diarrhœic stools,[92].—A very sudden, almost involuntary pasty yellow-green evacuation, followed by tenesmus,[1].—[**740.**] Stool pasty, increased in quantity, frequently slimy, with emission of flatus,[50].—Stool softer than usual, after large doses,[135].—Black, fetid stools,[160].—Several stools,[19].—Two thin stools with some colic,[7].—It depresses the action of a purge upon the colon,[25].—Stool only after thirty-six hours, harder than usual, and of a dark color,[4b].—Frequent involuntary and unconscious evacuation of bloody and watery fæces and watery urine,[77].—Two soft stools at night (second day),[1].—Two soft stools within two hours, followed by internal sensitiveness of the abdomen (second day),[1].—[**750.**] Two

small soft stools in the evening, followed by straining for a long time (second day),[1].—**Stools resembling those of cholera*,[134].—The fæces, resembling the excrements of sheep, had for long only been passed after the use of enemata and purgatives; at first, on the contrary, purging had been present,[117].—Let an individual smoke half a segar in the morning, soon after breakfast, and almost before he has finished, he will have an urgent desire for an alvine dejection,[63].—Stools irregular,[108].—Stool indolent, with at times diarrhœa, associated with great weakness of the sphincter ani,[107].—Average weight of fæces, 8.10 ounces (for five days before smoking); 8.09 ounces (for five days while smoking),[87].—Average weight of fæces, 6.04 ounces (for five days before smoking); 4.52 ounces (for five days while smoking),[87a].—***Constipation.*** Constipation,[42 57], etc.—The stool usually daily, omitted for two days,[6].—[**760.**] Absence of stool, contrary to habit (first day),[2].—No stool (fourth to seventh day),[2].—The evacuation that usually occurred in the morning, now took place towards evening, and was harder than usual,[4].—Inclined to constipation at times,[7].—Habitual constipation, worse when the patient is worse in other respects; never has diarrhœa,[95].—Unrelenting constipated bowels,[67].—Obstinate constipation, changing at times to diarrhœa,[159].

Urinary Organs.—Kidneys and Bladder. Presssive pain in the region of the kidneys before urinating,[51].—Paralysis of the bladder and rectum,[68].—***Urethra.*** The orifice of the urethra is inflamed and agglutinated (eighth day),[2].—[**770.**] Burning and tickling in the urethra, soon, followed by an emission at night,[50].—Burning in the urethra when urinating,[42].—Burning-itching pain in the urethra after urinating (eighth day),[2].—Prickling in the urethra during micturition,[48].—Itching in the urethra before urinating,[51].—***Micturition and Urine.*** Frequent desire to urinate,[5].—Constant desire to urinate,[134 159].—Pressing desire to evacuate the bladder and bowels,[78].—Desire to urinate, with or without vertigo,[7].—Frequent and increased evacuation of urine, which was once passed involuntarily at night,[46].—[**780.**] Urine evacuated more frequently than usual, at times involuntary dribbling,[48].—Urine passed involuntarily,[117].—*Increased discharge of urine*,[7 19 20], etc.—Increased evacuation of red, offensive, ammoniacal urine,[45].—Increased secretion of urine, from small doses,[26].—Copious secretion of pale urine,[47].—Urine pale, increased in quantity, so that he was frequently obliged to rise at night to urinate, with almost incontinence of urine,[49].—Increased evacuation of yellowish-red urine,[1].—Suppression of urine,[40].—Quantity of urine small and dark in color, specific gravity 1025, acid reaction; deposits urates and mucus, no albumen or sugar,[167].—[**790.**] Albuminuria (second day),[117].—Urine dark red, smelling of tobacco,[21].—Urine clear, lemon yellow, more copious than usual,[4b 4c].—Average quantity of urine, 41.69 fluid ounces; free acid, 27.86 grains; urea, 657.69 grains; uric acid, 12.83 grains; chlorine, 148.81 grains; phosphoric acid, 56.18 grains; sulphuric acid, 36.92 grains (for five days before smoking); average quantity of urine, 39.82 fluid ounces; free acid, 32.89 grains; urea, 615.32 grains; uric acid, 18.71 grains; chlorine, 125.77 grains; phosphoric acid, 80.01 grains; sulphuric acid, 41.33 grains (for five days while smoking),[87].—Average quantity of urine, 38.85 fluid ounces; free acid, 24.64 grains; urea, 610.50 grains; uric acid, 10.53 grains; chlorine, 129.55 grains; phosphoric acid, 44.23 grains; sulphuric acid, 31.66 grains (for five days before smoking); average quantity of urine, 37.34 fluid ounces; free acid, 27.67 grains; urea, 547.96 grains; uric acid, 15.05

grains; chlorine, 114.55 grains; phosphoric acid, 74.46 grains; sulphuric acid, 40.01 grains (for five days while smoking),[87a].

Sexual Organs.—Male. Genital organs flabby,[107].—Erections towards morning (first day),[2].—Many erections without voluptuous sensation (second day),[2].—Discharge of prostatic fluid (eighth day),[2].—Some crawling in the glans penis,[2].—[**800.**] Varicocele,[174].—Emissions,[47].—Nocturnal emissions,[46 174].—Emission at night, without waking (eighth day),[2].—No erections or sexual desires,[109].—***Female.*** Discharge of a few drops of liquid like meat-water from the vagina, fourteen days after the menses (second day),[2].—The menses, which were delayed about one day, came on more profusely than usual (first day),[1].—Derangement of the catamenia,[57].

Respiratory Organs.—Constrictive pain in the larynx,[45].—Terrible tickling in the larynx, with alteration of the voice,[164].—[**810.**] Irritation of the upper part of the trachea, followed by expectoration,[46].—***Voice.*** Voice weak,[167].—Voice feeble and low,[128].—Voice hoarse,[45 78].—***Cough and Expectoration.*** Almost constant cough, with sensation of burning in the larynx,[36].—Dry cough (second, third, seventh, and thirteenth days),[2]; towards evening,[44].—Dry cough the whole morning, with a stitch in the pit of the stomach (twelfth day),[2].—Dry short cough,[159].—A dry cough, which soon became frightfully severe; a genuine whooping-cough, continuing night and day, only intermitting during a meal,[96].—At times tickling cough,[76].—[**820.**] Cough and hiccough at the same time, as if she would suffocate, lasting a quarter of an hour (tenth day),[2].—Cough, with dark sputa,[167].—Hæmoptysis; she had raised several ounces of blood and mucus this morning; she had now a cough and continued to expectorate small quantities of blood; on close examination the matter expectorated was found to contain numerous dark particles diffused through it; in some spots several of these had coalesced and formed large masses, although she had not touched snuff for four days; the next day the hæmorrhage had gradually lessened, but the snuff was still diffused through what was brought up, and continued so the whole of this day and the next. I ascertained that the attempt to introduce a spoonful of snuff into the mouth has, from the first, been frequently followed by a convulsive cough. Her friend from whom she learned the habit is troubled with a constant cough, and has become emaciated and weakly,[73].—(Expectoration of gray mucus, in the morning), (second day),[2].—***Respiration.*** Respiration very free and more easy than usual,[50].—Respiration very rapid, short, or at times slow and deep, apparently omitting entirely at times,[77].—Rapid difficult respiration,[31].—Quick breathing (woman),[32].—Respiration spasmodic, deep, 6 per minute,[50].—Prolonged respiration (after fifty minutes),[133].—[**830.**] Respiration slow,[43 167].—Breathing slow and stertorous,[168].—Respiration slow and regular,[79].—Slow respiration, sinking to 8 in a minute, interrupted by continual yawning,[131].—Respiration slow, the thorax scarcely expanded,[17].—Respiratory movements irregular and sighing,[148].—His wind, as he called it, became so short that he was compelled to give up active exercise,[122].—(When he bends towards the left side and presses he can breathe more easily),[2].—Stertorous respiration,[37 161].—Breathing stertorous, the cheeks flopping with each expiration,[89].—[**840.**] Respiration anxious, moaning, deep, and difficult,[78].—Very feeble respiration,[83].—**Difficult respiration*,[33 40 55a].—Respiration difficult, sighing,[117].—Difficult respiration, with a hoarse voice, for a long time after the poisoning,[77].—Sudden difficulty of breathing,[64].—Laborious breathing,[37 52].—Oppression of breathing,[55].—Dyspnœa,[159].—Dyspnœa, drew long sighs,[166].—[**850.**] Moaned frequently (after third day),[121].

—Feeling as though he would suffocate,[159].—Paroxysms of suffocation, from which he frequently awoke with the most frightful anxiety,[159].—Attacks of suffocation,[55].—Asphyxia and syncope,[54].—Dyspnœa to a very great degree (man),[32].—Dyspnœa, from almost constant sibilant râles, and which was very troublesome,[86].—Great dyspnœa, palpitation, and distress in cardiac region, on going upstairs or ascending any eminence,[137].—They almost invariably experienced great dyspnœa on ascending,[142].—Average weight of carbonic acid expired, 11616.46 grains (for five days before smoking); 11664.50 grains (for five days while smoking),[87].—[**860.**] Average weight of carbonic acid expired, 10456.53 grains (for five days before smoking); 10458.27 grains (for five days while smoking),[87a].—Average weight of aqueous vapor expired, 4884.66 grains (for five days before smoking); 4585.20 grains (for five days while smoking),[87].—Average weight of aqueous vapor expired, 4449.45 grains (for five days before smoking); 4289.51 grains (for five days while smoking),[87a].

Chest.—Smoking of tobacco tends to render the lungs flaccid, and to bring on a true marasmus,[85].—Various diseases of the chest,[9].—Oppression of the chest, relieved by deep breathing,[1].—The chest is oppressed, constricted; cannot take a deep breath, associated with a feelipg of apprehension and anxiety; she cannot rid herself of the thought that some misfortune would happen to her (third day),[2].—Oppression at the chest great,[64].—* *Very violent constriction of the chest* (tenth day),[2].—Constriction across front of upper chest, dyspnœa and disposition to take a full inspiration, with the darting pain extending from the heart to the vertex,[147].—[**870.**] On a Saturday an attack of angina supervenes, of half an hour's duration; a second fit recurs next day, and he is found dead in his bed on the Monday morning,[106].—* *On taking a deep breath, it seemed as if the chest were too tight* (second day),[2].—One evening, while smoking, he was seized suddenly with violent pain in the chest, as if he had been squeezed by a vice; his pulse was insensible. The attack lasted ten minutes,[103].—After seven years was suddenly seized with intense pain in the chest, gasping for breath, and a sensation *as if a crowbar were pressed tightly from the right breast to the left, till it came and twisted in a knot round the heart, which now stopped deathly still for a minute, and then leaped like a dozen frogs.* After two hours of deathlike suffering, the attack ceased, and ever after the heart *missed every fourth beat.* For the next twenty-seven years, continued to suffer milder attacks like the above, lasting from one to several minutes, as often as two or three times a day or night. After the discontinuance of tobacco the attacks ceased,[81].—The smoker feels a pain, dull, and, although not acute, yet distressing, from the constant sense of oppression which attends it. Its seat is behind the breast-bone, and rather tending to the left side. It is neither aggravated nor diminished by full inspiration, nor by any change of posture; comes on usually in the afternoon, but irrespectively of meals, and sometimes increases in severity during the night, so as to interfere with sleep, yet almost completely vanished before morning, and this without appreciable disturbance of the circulation, respiration, or digestion,[98].—Flitting pains in the chest,[76].—When taking a deep breath it seems as if the intercostal muscles were being cut to pieces from the front towards the back; worse when touched; the pain brought tears to the eyes (first day),[2].—Pain, like a soreness in the chest, during rest (twelfth day),[2].—Shocks in the chest and region of the heart; at first always in the night, but after awhile in the daytime, with rushing of blood to the head, which would momentarily deprive him of consciousness,[59].—Anxiety, beginning in

the chest and præcordial region,[55a].—[**880.**] Pressure in the chest, with anxiety,[48].—Pressure and stitches in the chest (second day),[2].—Stitches in the chest, on taking a deep breath (fourth and eighth days),[2].—Many transient stitches, extending from before backward, through the chest, aggravated by deep breathing,[1].—Stitches in the side and chest, on breathing, with great weakness of the head, as if intoxicated, and flickering before the eyes, so that he could not distinguish objects far off (first day),[2].—***Front and Sides.*** Pain in the sternum, as if a knife were sticking into it (after five minutes),[1].—Pressure beneath the sternum (fifth day),[2].—Pressure on the sternum, as if something heavy were lying upon it (third day),[2].—Stitches beneath the sternum, with impossibility to take a deep breath (first day),[2].—Stitches beneath the sternum, on deep breathing (fourth day),[2].—[**890.**] Fine stitches in the middle of the chest, extending to the sternum,[1].—Dull pains in the sides, which seem to alternate with sore throat,[92].—Great pain and distress in the left side of chest, especially around the præcordial region,[166].—Stitches in the right side of the chest, on talking (fourth day),[2].—Stitches in the right side of the chest (fourth day),[2].—Sharp stitches in the right side of the chest, near the axilla, relieved by inspiration (after half an hour),[1].—Sore sticking in the right side of the chest, worse during rest (third day),[2].—Some stitches beneath the right short ribs, with tightness of the chest,[4c].—Some stitches beneath the left short ribs (third day),[2].—***Mammæ.*** A violent sore pain in the right female mamma, with a feeling as if the nipple itself were bitten off (twelfth day),[2].—[**900.**] Great oppression at breast (woman),[32].—A burning stitch beneath the left breast (first day),[1].

Heart and Pulse.—Præcordia. Three had heart disease,[143].—They very generally thought they had idiopathic heart disease; complained of pain and soreness in the region of the heart, and they could not lie very long on the left side, at night,[142].—Heart disease is very common among tobacco-provers,[142].—Præcordial oppression,[108].—Suddenly seized in the evening with violent præcordial anxiety, followed by complete sleeplessness and springing from bed,[108].—**Suffered chiefly at night from paroxysms of præcordial oppression, with palpitation and pain between the shoulders,*[105].—One morning was suddenly seized with pain in the region of the heart, with transversal constriction in the upper part of the chest. He could neither walk nor speak; the pulse was insensible; the hands cold; the attack continued half an hour,[101].—Darting pain, extending from the heart upwards to the vertex, and sensation of constriction across front of upper chest, with dyspnœa and disposition to take a full inspiration,[147].†—[**910.**] Aching pains in cardiac region, generally worse at night, with frequent intermission of the pulse and of the heart's action,[137].—Slight disturbance at the heart,[96].—***Heart's Action.*** Both sounds of heart clear, but the action was relaxed and occasionally intermittent,[148].—The heart-sounds were muffled and seemed to almost run into each other,[166].—Systolic murmur in aortic area and in course of large vessels,[167]—On applying the hand over the cardiac region, the impulse conveyed to it was of marked peculiarity, much resembling, as was conceived at the time, the purring tremor, or *fremissement cataire* of French writers, which is likely to accompany aortic regurgitation,[89].—Sounds of the heart inaudible, and its movements scarcely felt (after three days),[121].—***Palpitation,**[56 57 58], etc.—Palpitation

† The cardiac and thoracic pains were probably an aggravation of symptoms caused by partial suppression of a habitually profuse and offensive footsweat.

and pain in cardiac region,[167].—Palpitation while lying in bed on the left side, which ceases on turning to the right side (twelfth day),[2].—[**920.**] For some time he suffered from palpitation, with pain and constriction of the chest, which came on in the form of an attack either in the evening or night; afterwards a similar attack from inhaling the fumes,[102].—Palpitation with the tightness of the throat,[104].—For about a month, during the night he frequently had attacks of palpitation, with oppression and pains about his shoulders,[100].—Strong pulsation of the temporal arteries,[96].—Violent palpitation (third and fourth days),[2].—Violent palpitation all night,[155]. —Most distressing palpitation of the heart,[125].—Heart beating so violently that he is compelled to give up active exercise,[122].—Heart beat somewhat irregularly, with a slight anæmic murmur,[109].—The heart beat very irregularly; this was evinced by palpitation and tremulous motion of the organ, especially when lying upon the left side,[166].—[**930.**] Beat of the heart weak, slow, intermittent,[77].—Beat of the heart weak and intermittent,[78].—**Heart's action very feeble*,[149].—Heart scarcely beat,[117].—Heart perfectly paralyzed,[119]. —The most powerful influence seemed to be exerted on the heart's action,[155]. —***Pulse.*** Pulse rapid,[4 42].—Violent pulse,[33].—Pulse more rapid by 10 beats, and fuller (soon),[4b].—Pulse small and very frequent,[175].—[**940.**] Pulse small, rapid, irregular,[49 169].—Pulse averaged 85 (before experiment); 92 (during experiment),[87].—Full, hard, rapid pulse,[47].—Pulse quick and feeble,[119].—Small, hard, rapid pulse,[48].—Pulse full, slow,[45].—Pulse slightly compressible and perfectly regular, at barely 60,[93].—Man's pulse hard and quick,[32].—**Pulse soft, full, and feeble*,[148].—While he sits, the pulse beats but 48 in a minute. It is large and full to the finger, under which it passes slowly, and readily compresses; any movement at once increases the beats, and more than occurs in the healthy state,[122].—[**950.**] Woman's pulse rather soft, but frequent,[32].—**Pulse slow*, 45,[43]; 50 to 60,[107].—Very slow pulse,[40].— **Pulse small*, 82,[60 108].—Pulse 60, regular, small, and weak,[167].—Pulse 48, and small,[128].—Pulse very slow and weak,[35].—Extremely weak, small pulse,[116].—Pulse small, slow, 34,[55a 51].—Pulse remarkably slow, scarcely perceptible, intermittent for fifteen seconds,[77].—[**960.**] Pulse small and intermittent, 78,[105].—Slow and intermittent pulse,[55].—**Pulse small and weak*, 70,[89 117].—The pulse becomes small and weak, the skin cold, and covered with clammy sweat,[3].—Frequent intermission of the pulse and of the heart's action, with the pains in the cardiac region,[137].—Among eighty-eight inveterate smokers, there were twenty-one instances of marked intermittence of the pulse, occurring in men from 27 to 42 years of age,[118].—Pulse irregular, variable, and intermittent; at one time 136 per minute, and in a short time thereafter down to 38 per minute,[166].—Basis, 74½ pulsations: Six minutes, 81, 81, 81, 83, 82, 82; average 81.6. Seventeen minutes, 85, 89, 89, 93, 96, 90, 94, 94, 93, 92, 93, 95, 95, 96, 94, 97, 93; average 93,[110].— Basis, 74½ pulsations: Six minutes, 79, 77, 80, 78, 78, 77; average 78.1. Seven minutes, 83, 87, 88, 94, 98, 102, 102; average 93.4. Eight minutes, 105, 105, 104, 105, 105, 107, 107, 110; average 106. After smoking eleven minutes, 112, 108, 107, 101, 101, 100, 100, 100, 100, 98, 91,[110a].—Smoking seven minutes, 76, 75, 79, 79, 76, 78, 82. Smoking ceased ten minutes, 81, 88, 81, 83, 82, 84, 83, 83, 80, 82,[110b].—[**970.**] Basis, 70½ pulsations: Six minutes, 68, 70, 71, 70, 72, 74; average 70.8. Six minutes, 76, 77, 86, 89, 91, 94; average 85.5. Four minutes, 98, 95, 96, 95,[110c].—Smoked fast three minutes, 94, 94, 96. Pipe recharged, 87, 93, 96, 96, 96,[110d].—Basis, 82 pulsations: 85, 85, 84, 80, 94, 94 (one missed), 84, 84, 88, 89, 86,[111].—Basis, 65 pulsations: Seven minutes, 64, 64, 64, 65, 67, 64, 65; average 64.7.

Seven minutes, 70, 70, 70, 71, 74, 68, 71; average 70.5. Five minutes, 76, 77, 77, 81, 81; average 78.4,[111a].—Basis, 84 pulsations: 84, 84, 85, 84, 86, 84, 83, 85, 86, 84, 87, 86,[112].—Basis, 73 pulsations: Ten minutes, 76, 75, 73, 74, 71, 74, 71, 74, 73, 73; average 73.4. Six minutes, 77, 79, 81, 87 (missed one), 74, 75; average 77.1,[112a].—Pulse not perceptible at wrist, and action of heart scarcely so in præcordial region,[80].—Pulse almost imperceptible, very small, intermittent, extremely slow, 45,[17].—Pulse scarcely perceptible, 83,[149 150].—No pulse at the wrist (third day),[121].—[**980.**] Pulseless (after fifty minutes),[133].

Neck and Back.—Neck. Stiff neck, so that he could not turn the head to the right side (eighth day),[2].—*Neuralgic pains in the neck, with the tightness of the throat,[104].—Burning and tension in the skin of the right side of the neck (second day),[1].—Great heaviness and pain in the nape of the neck, so that he was obliged to remove the neckerchief (first day),[2].—***Back.*** Tenderness of the spine along its whole length, the more especially in the cervical and lumbar regions,[57].—Pain between the shoulders, with the præcordial oppression,[105].—Burning beneath the scapula (second day),[2].—Stitches in the right scapula (fourth day),[2].—Dull pain in the middle of the spine, with bruised feeling over the body, especially in the upper extremities, in the morning,[4].—[**990.**] *Pain in the small of the back and loins*, especially after sitting,[4 4a b c].—Intolerable pain in the small of the back, greatly aggravated while sitting and lying,[4d].—Pain in the small of the back, constrictive, especially violent after a stool (fourth day),[2].—Pressive pain in the lumbar region on rising from a seat and on beginning to walk, disappearing on walking,[1].—Beating pain in the region of the sacrum, in the evening (first day),[4].

Extremities.—Extremities outstretched, relaxed, powerless, with almost incessant trembling and frequent convulsive twitchings,[77].—Trembling of the limbs,[38 48 55a 82].—Trembling of arms and hands,[147].—Rigidity of the limbs,[36 57].—Limbs began to be very stiff (second day),[121].—[**1000.**] Paralysis and relaxation of the limbs,[54].—Cataleptic condition of the arms and legs; if a leg or arm were extended or flexed or uplifted, it would retain that position for at least five minutes, or until it was reduced to a more comfortable posture,[166].—Great weakness and trembling of the hands and feet (first day),[2].—Weariness and prostration of the limbs,[1].—Complete loss of power of the upper and lower extremities,[168].—Limbs relaxed,[33].—A feeling as if the fingers were longer when smoking Tobacco in a pipe, after about three inspirations of it; if he continues smoking, he feels as if he had lost the use of his legs from knees downwards; can smoke a cigar in open air, but if he smokes half of one indoors, his calves feel as if they did not belong to him, and as if they were dropping away,[165].—Pain in all the limbs,[42].

Superior Extremities.—The arms bound over the chest,[37].—Constant inclination to stretch the arm (second day),[2].—[**1010.**] The right arm seems paralyzed, as with cramp (twelfth day),[2].—The left arm is completely powerless and painful (third day),[2].—Severe spasmodic contractions in his arms and hands,[32].—Tension in the left arm, especially in the elbow (first day),[2].—Pain in the arm on raising it (first day),[2].—Drawing pain in a spot as large as a half dollar on the left arm, as if an ulcer would form (fourth day),[2].—***Shoulder.*** Pulsation beneath the right shoulder (first day),[2].—Stitches and drawing in the left shoulder (second day),[2].—***Elbow.*** A drawing pain in the elbow on turning the forearm (first day),[2].—Sticking pains in the elbows, on account of which he could not quickly stretch

out the right arm (second day),[2].—***Forearm.*** [1020.] Pain, as from a sprain, in the right forearm, especially in the elbow, with painful stitches immediately on every exertion (third day),[2].—Tearing in the tendons of the left forearm towards the hand, and then in the elbow (second day),[1].—***Hands.*** Hands joined, and in a state of rigid contraction,[37].—Trembling of the hands (first day),[2 76 107 149].—Trembling of the hands and tongue.[78].—His hand trembles much when he holds it out,[99].—Weakness of the hands (first day),[2].—The hands seem paralyzed and cold, followed by burning and fuzziness of the tips of the fingers and difficult mobility, with coldness and chilliness of the body (eighth day),[2].—Drawing, paralytic, spasmodic pain in the right hand, extending to the elbow (fifth day),[2].—Sticking and tearing in the right hand (after ten minutes),[2].—***Fingers.*** [1030.] Fingers somewhat swollen (sixteenth, seventeenth, and eighteenth days),[2].—Twitching of one finger,[1].—Cramp, and a feeling of formication, in the three first fingers of the left hand (third day),[2].—Cramp in various fingers (after two hours, and on washing in the morning), (second, third, and fourth days),[4a].—Frequent painful tearing in the whole little finger (second day),[1].—Gait shuffling,[107].—Had the gait of an old man,[108].—Tottering in his gait (after half an hour),[139].—Stiffness of the lower extremities and of the spine,[127].—Uneasiness in the lower extremities,[159].—[1040.] A kind of paralysis or excessive weakness of the lower extremities, so that at last the patient is obliged to sit or lie down, with loss of sensation and more or less weakness of all the special senses,[68].—Complete loss of power over lower extremities,[149].—***Hip and Thigh.*** Dull pressive pain in the hips and knee-joints,[1].—Stitches in the right hip, towards evening (third day),[2].—Pain on pressing upon the right gluteal muscles (second day),[4c].—Sticking in and above the gluteal muscles (first day),[4b].—Pain and tension in the gluteal and femoral muscles, as after a long walk (third day),[4c].—Drawing in the thighs (ninth day),[2].—Stitches in the left thigh, between the shoulders and beneath the sternum (eighth day),[2].—***Knee.*** Knees tottered, and he appeared scarcely able to support his emaciated body,[69].—[1050.] Stitches on bending the knees, pressure in them during rest (first day),[2].—Cracking in the knees when walking (first day),[2].—Cramp in the knee (eighth day),[2].—Stitches in the hollows of the knees (fourth day),[2].—Frightful burning in the knee, and when touched, a feeling as if pins were in it (eleventh day),[2].—***Leg.*** Paralyzed feeling, as if asleep below the knee (fifth day),[2].—Tension from the knees to the feet when walking (third day),[2].—Weakness of the legs and feet (third and fourth days),[2].—Tearing externally on the left tibia,[1].—Tearing down the left calf (first day),[1].—[1060.] Pressive pain in the left ankle,[1].—Jerking of tendo Achillis, and of other muscles, mostly at night, with restlessness and sleeplessness,[137].—***Foot.*** Trembling, or rather shaking of the feet for a long time (first day),[1].—Great weakness, as if the feet were paralyzed; could scarcely go upstairs (first day),[2].—Paralyzed feeling in the right foot (first day),[2].—Burning on the side of the sole of the foot, as from a glowing hot iron, most violent towards evening (second day),[2].—Jerking tearing on the back of the left foot (first day),[1].—***Toes.*** Cramp from the toes into the knee (first day),[2].—Acute pain in the balls of the toes of the left foot, so that he could not step upon it as usual (sixth day),[2].

Generalities.—Consumption,[9].—[1070.] Gout,[9].—"The pernicious effects of Tobacco upon children are incontestable. The use of Tobacco causes pallor, chloro-anæmia, palpitation, and troubles of digestion. The anæmia is incurable as long as the habit is continued. Children addicted

to Tobacco are of inferior intelligence, and have a taste more or less pronounced for strong drink. Those who drop the habit before the production of any organic lesion recover perfectly,"[144].—Twenty-seven presented marked symptoms of nicotine poisoning,[143].—The habitual use doubtless causes a physical and mental deterioration of the race. One's offspring are more liable to possess a delicate constitution, because this abuse produces undue excitement, and hence exhaustion of nervous force in the patient, and statistics conclusively show that such indulgence predisposes the next generation to various cerebral affections,[142].—Feeling of increased vigor in the muscles, with disinclination for the slightest movement (soon),[4]. —Entire system flaccid, pallid,[80].—Walks literally bent double, pressing both hands over the region of the spleen, and groaning at every step,[93].—Blood thin; red corpuscles scattered, non-confluent, and crenated,[167]. —Eight had decided deterioration of the blood,[143].—Emaciation,[61 69 109].—[1080.] An advanced stage of marasmus,[91].—Rapid emaciation,[76 122].—Loses flesh, especially on the back; the cheeks also become wasted (after ten days),[2].—Began to emaciate and grow pallid,[58].—She is emaciated; all her clothes are too loose (twelfth day),[2].—Average weight of body 225.79 pounds (for five days before smoking); 225.86 pounds (for five days while smoking),[87].—Average weight of body 224.77 pounds (for five days before smoking); 223.62 (for five days while smoking),[87a].—The hands were doubled into a fist and tightly drawn across the chest; the fingers could not be outstretched nor the arm moved; the muscles of the chest and arms felt hard, with vibrating contractions of different fibres,[127].—I always had a strong appetite for Tobacco, so that nothing but absolute necessity could ever have induced me to undertake to break up the habit, but for a year I found the symptoms gradually increasing in violence and frequency. I used Gentian as an antidote or substitute; its bitterness temporarily destroyed the everlasting craving for Tobacco. The first night after reforming, I jerked so that I could not sleep, jerked all over, and something seemed to draw my left shoulder down irresistibly. A dose of Ignatia immediately relieved me of these symptoms, and I slept well the remainder of the night; one slight jerking since is all. Now I can lie very well on either side. Can go upstairs or over a bridge quite comfortably. Better as to pulse and cardiac pain. No more vertigo. Can hardly observe any numbness of orbicularis oris. Sleep well. No bad dreams. Appetite good. Strength improving. Temper better than usual,[137].—I was called and saw him in less than ten minutes after he had taken it. Upon entering the room, I noticed two short inspirations, and all was ended. From the statements of the family, he had convulsions immediately after drinking the poison, and sank to the floor. I found him lying upon his left side, mouth and jaws wide open, with the tongue protruding; lips, tongue, and inside of mouth of a dark-blue color; eyelids open; pupil of the eye contracted to the size of a pin's head. General appearance of a man who had been suddenly struck dead. Petechiæ all over the body, with spots of ecchymosis in places. Rigor mortis very great,[146].—[1090.] Epilepsy,[9].—Muscles rigid,[119].—Paralysis,[160].—A fit of hemiplegia eight years ago,[174].—Twitching of the muscles,[55a].—Jerking in the whole body, with pulsation in the head and palpitation (fourth day),[2].—Tremblings,[160].—Trembling greatly,[121].—Trembling of all the muscles,[10 41 134].—After having lain in bed for three hours, she felt a shudder throughout her whole body, which was followed by nausea and violent vomiting, with convulsions in the arms, lower limbs, and even in the muscles of the back; these convulsions had

continued from 1 to 4 A.M.,[175].—[1100.] Trembling of the whole body, with the nausea,[1].—Trembling of the head and hands, with great excitement, like intoxication, after dinner (first day),[1].—Whole frame shook with strong tremors,[89].—Nervous tremors,[60].—Spasmodic contractions of single muscles,[130].—Constant jactitating movements of the muscles,[148].—Whole body affected with spasmodic contraction,[37].—In a state of continuous muscular tremor, and when he moved across the room to reach his bed, his legs seemed bent or bowed, as if he were permanently deformed, which, however, was not the case. He had evidently lost the full use of the muscles of the lower extremities, and he climbed into bed with considerable difficulty. When he reclined in the bed, a continual movement of the muscles of the arms and legs was kept up, and the facial muscles moved occasionally in an involuntary manner,[148].—Great nervous excitement, accompanied by irregular action of the muscles, more particularly of the eyelids, mouth, and upper extremities, which lasted for about two hours after each occasion of using this substance. These sensations were succeeded by a pleasant feeling of ease and contentment, which lasted about two hours,[87].—Hysteric tremors, with convulsive twitching of the flexor muscles of the whole body, accompanied by an agonized apprehension of some rapidly approaching physical catastrophe, the result of which would be death. He would clutch the arm of any bystander and beseech him to save his life, to relieve him from the great præcordial distress and threatening suffocation. This fear was, in some subsequent attacks, the cause of prolonged mental and bodily excitement. Conversation, rapid walking, or any violent motion of the attendants, would provoke this spasmodic attack, and produce great nervous irritability. His disposition, from being amiable, became fretful and peevish,[166].—[1110.] General convulsive trembling,[44].—Convulsions,[14 27 70], etc.—Convulsions, followed by death,[163].—Spasmodic convulsions,[43].—Violent spasms, with great rattling (after two minutes),[29].—Violent convulsions, followed by death,[28].—Convulsions, the head firmly drawn back, with rigidity of the muscles of the posterior part of the neck (third day); there were constantly returning rigid tetanic spasms, the muscles of the back being principally affected, till death, a week after he chewed the Tobacco,[121].—Violent involuntary contraction of all the muscles, with appearance of frightful pain; constantly placed the hand upon the abdomen and tore at the penis forcibly,[17].—Convulsive movements of the arms, then of the legs, and afterwards of the whole body, which progressively augmented during six or seven minutes, and were succeeded by extreme prostration,[52].—General convulsions, with bending forward of the body and stretching of the limbs, with subdued cries, on account of the pain in the stomach,[36].—[1120.] Frightful convulsions, with rigidity of the limbs and violent contractions of the muscles of the abdomen; bending backward of the body; distended bloodvessels on the head,[23].—In half an hour violently convulsed, the flexor muscles of the upper and lower extremities being rigidly and spasmodically contracted, so as to contract the limbs forcibly against the body,[83].—Tetaniform convulsions,[160].—Clonic convulsions, which produced great muscular agitation, particularly of the extremities; the teeth were grit together, hands tightly clenched, legs flexed and extended in rapid alternation,[166].—The next morning he always had a spasmodic attack, was constantly obliged to stretch the limbs and yawn, with a sensation of rolling through the chest, abdomen, and calves, followed by a feeling of leaden heaviness of the feet,[145].—The general effects upon the system were almost identical with those previously described as resulting

from the former use of Tobacco; there was the same nervous excitement, trembling, wakefulness, but in a somewhat less degree,[87a].—Slightly convulsed (in one hour),[71].—Disturbance of motility,[130].—Complete rigidity of the muscles,[35].—He felt decidedly uncomfortable at the end of the eighth, and when he had finished the ninth, he was attacked by giddiness and shiverings; these symptoms became worse after the tenth cigar; he refused to leave off smoking, and was then attacked by severe pain in the bowels and vomiting, and died in the night,[154].—[**1130.**] ***General debility,**[29 91 92 142].—General sick feeling,[50].—Great debility and emaciation,[53].—***Weakness,**[36 46], etc.—Weakness and indolence,[48].—Weak, nervous, and timid,[64].—Weakness, paleness, dilated pupils (second day),[10].—Very weak and languid,[174].—General relaxation of the whole body, with rough and warm palms of the hands (soon),[4].—Weakness towards evening, and on moving part, immediate shivering and coldness between the shoulders, with dizziness and stitches in the temples, forehead, and vertex (first day),[2].—[**1140.**] Muscular weakness so great that any movement was very difficult,[77].—Weaker in the forenoon than in the afternoon (first day),[2].—General feeling as if he were losing all his strength all over body (after smoking half a cigar indoors),[165].—Lost strength very rapidly,[122].—Inclination to lie down, yet when he goes to bed he cannot close his eyes to sleep,[96].—Aversion to work (first day),[2].—Disinclination for physical effort,[138].—Aversion to moving about,[96].—Reflex and motor functions weak,[167].—Muscles weak and flabby,[167].—[**1150.**] Relaxation of the whole body,[45 51].—Excessive languor,[166].—Lassitude and debility of the voluntary muscles, with vertigo on motion,[131].—*Feeling of great exhaustion,*[42].—*Prostration,*[44 55 150].—*Profound prostration,*[140 160].—Excessive prostration all night,[155].—Complete prostration, motionless, and apparently insensible,[53].—Nervous excitability,[142].—Nervous and shaky on smoking,[174].—[**1160.**] Smoking makes him nervous if he exceeds his usual amount,[174].—Very nervous for several years, especially after smoking, in the morning,[174].—Restlessness,[43 121 160].—Great restlessness,[108].—Restlessness and sleeplessness, with the jerking of the muscles,[137].—**Restlessness, requiring continual change of place,*[136].—Restless and excited condition,[126].—Restlessness drives her from place to place, with constant sighing (tenth day),[2].—Vertigo when standing and sitting, at last becoming painful; frequently obliged to change his position, and when standing, was frequently obliged to stand upon one foot and frequently change the position of the body, to lean or support the body in some way; while sitting, was obliged to stretch out or bend up the feet and move them back and forth; while reading, the arm speedily became fatigued from holding the book, at times associated with stitching in the fingers, especially in the thumbs; even in bed was frequently obliged to change the position, and also while asleep I became very restless, so that the sleep was frequently interrupted, and was often weary in the morning. Following this, there was complete loss of power of co-ordination of antagonistic muscles, so that while standing, the knees gave way, or on sitting down, I fell with my full weight on the chair. I became unable to draw my clothes on to my limbs without supporting myself. At times the gait became slow and shuffling, the steps short, scarcely raising the feet from the ground, so that I frequently stumbled and became weary; it was especially difficult to go upstairs, especially if the steps were high; such an ascent caused anxiety and dread of falling backward, so that I went with the body bent forward. This was associated with transient attacks of vertigo while walking in the open air, especially on suddenly looking upward, also with great weakness

and speedy fatigue, without confusion of the head and without difficulty in performing mental labor, with at times nosebleed without apparent cause. One evening, while sitting, as usual, drinking beer and smoking, there was a sudden peculiar creeping chill along the back with general weakness; this was ascribed to a draft of air, so that I changed my place, but the symptom was repeated from time to time, with such aversion to my cigar, that I threw it away and went home. On my way home, I was attacked with a dull pressive headache on the lower portion of the frontal bone; while undressing, on going to bed, I was attacked with a shaking chill, soon followed by dry heat, and afterwards perspiration; the sleep which followed was interrupted by vivid dreams, from which I awoke with perspiration pouring from the whole body, greatly exhausted, and with head confused; on rising in the morning, I had a dull distressing headache in the frontal region, as though there were an actual pressure from above downward within the skull; the headache was completely relieved by a horizontal position; this was associated with thirst, a coated tongue, and loss of appetite. On attempting to walk, I had pains in the loins, small of the back, and nape of the neck; the gait was slow and anxious, accompanied by vertigo and a terrible pressing headache; when walking, my left foot frequently failed to make a step, as do soldiers on changing the step. In the afternoon there was considerable bleeding of the left nostril, with some relief to the headache, but later, in the evening, on attempting to make some visits, the pressive headache became worse, and concentrated in the left side; this, however, disappeared on going to bed, in the evening, but the sleep was filled with vivid dreams. The next morning the headache returned, was concentrated in the left side, with great weakness, thirst, and loss of appetite, and with no inclination to smoke; hæmorrhage from the left nostril returned, and lasted for a quarter of an hour, consisting of black blood. To-day my gait was very unsteady, tottering, and assisted by a cane. The urine was increased in quantity, and of a deep yellowish-brown color. On the subsequent day there were, in addition, tearing pains in the temporal muscles, the epistaxis recurred, the blood being thick, dark, tenacious. This condition continued unabated for some time, after which it gradually improved until perfectly good health returned, with less desire for Tobacco and with greatly lessened use of it,[129].—In the course of an hour a patient has been seen to sit on every chair in the room, recline in various positions on sofas, armchairs, bed, or floor, sit on the edge of the table, and give, as a reason, that no place or position seemed comfortable, and he was compelled by an irresistible restlessness to this constant change,[136a].—[1170.] Inclined to faint,[10].—Faintness,[11 14 21], etc.—Sudden faintings,[64 77].—Quite collapsed, with cold sweats (in one hour),[71].—Frequent attacks of faintness,[77 78].—Attacks of syncope and unconsciousness,[132].—Violent syncope,[37].—Profound collapse, with pale face, with cold sweat,[165].—Hyperæsthesia of different nervous branches,[130].—Anæsthesia more or less complete, especially of the left side of the extremities and of the tip of the tongue,[166].—[1180.] General numbness,[168].—General numbness, commencing first in tips of fingers, toes, and tongue,[109].—Complete loss of sensation, of voluntary motion, and of respiration,[35].—Feeling as though the blood were circulating more rapidly and violently (soon),[4].—Inability to lie on the left side; it caused so much pain and palpitation,[137].—Painful cramp,[134].—Cramps and twitching,[11].—Different neuralgias, as of the N. pudendus ext., awakening him from good refreshing sleep, at 4 A.M., with painful erections and strangury, and passing off about noon after micturating a watery urine six

or eight times; of the plexus cœliacus, with continual sour eructations; of the fifth left intercostal nerve; of the right plexus brachialis; as soon as one neuralgia ceases, another starts in its place,[131].—Drawing pains over the whole body,[48].—Violent pressive pain, with uneasiness of the whole body and anxious perspiration,[1].—[**1190.**] Dread of motion,[130].—During low barometer, and when the wind blows, the pains return, and they can only sometimes be relieved by hot applications to the stomach, by lying on the back, and by a strict diet (notwithstanding his good appetite), during two, three, or four days,[95].—Aggravation of all the symptoms from great heat, great cold, and especially from stormy weather,[95].—Aggravation by walking, riding in a carriage, and especially from the jarring of a railway train,[95].—The left side of the body suffers more than the right,[2].—She feels better in the open air,[1].

Skin.—Objective. Jaundice,[9 134].—Cases of jaundice in healthy young men,[124].—Skin pallid and presented an anæmic appearance,[166].—The skin gradually assumes a peculiar grayish tinge, which may be said to occupy a medium between the paleness of chlorosis and that of other cachexiæ,[66].—[**1200.**] Increased turgescence of the skin, with violent itching and slight general perspiration,[50].—Increased turgescence of the skin, with itching and slight perspiration,[51]—Skin livid, covered with cold sweat,[160].—Red itching eruption over the whole back (after five days),[2].—Red spots on the face (first day),[2].—Red spots on the right shoulder, with burning when touched (tenth day),[2].—Many pimples on the forehead, with itching, which is relieved for a short time by rubbing (third day),[2].—Itching pimples on the small of the back and fingers (after eleven days),[2].—Itching pimples on the chest (third day),[2].—Papular eruption,[50].—[**1210.**] Pustular eruption on the nape of the neck and upper extremities,[49].—Gritty elevations on both cheeks, beneath the eyes, perceptible only on touch (first day),[2].—Small itching blisters on the body, surrounded by red areolæ, and filled with yellow liquid, with sore pain on touch (after five days),[2].—Dryness of the skin,[11].—***Subjective.*** Increased vulnerability of the skin, so that the slightest wound or abrasion is followed by a high grade of inflammation,[50].—Trembling sensation in the skin as though it were being torn,[145].—Formication of the left lower extremities from the knee to the toes (third day),[2].—Violent itching,[77].—*Violent itching of the whole surface,*[136].—Itching, here and there on the body, provoking scratching, and afterwards disappearing (third day),[2].—[**1220.**] Frequent itching, as from fleas, on the face, in the evening (second day),[2].—Itching on the right hypochondriac region,[1].—Itching, as from fleas, on the arm and neck (third day),[2].—Itching on the thighs,[45].

Sleep.—Sleepiness. Much yawning (second, third, fourth, and fifth days),[2].—Yawning and sleepiness after dinner (first day),[1 2].—Much yawning after dinner (first day),[2].—Drowsy,[37 121].—Sleepiness (after one and a half hours),[2 9 11 45 174].—Great inclination to sleep,[1].—[**1230.**] Very sleepy towards evening (third and fourth days),[2].—Promotes sleep,[7].—Sleepiness in the house, which disappears in the open air (second day),[2].—Sleepiness, associated with heat and restlessness,[7].—Sleepy in the forenoon; he also slept for a short time (first day),[2].—She was sleepy immediately after dinner, and slept for an hour, and even then could not arouse herself until after violent palpitation (fourth day),[2].—She woke before midnight and soon fell asleep again (first day),[1].—Stupefying, but not refreshing sleep at night,[4].—Sleep, stupefaction, and profuse perspiration.[24].—Deep sleep, followed by copious perspiration,[11].—[**1240.**] Sound sleep at night

(second and fifth days),[2].—Sleep heavy, with irregular rattling respiration, from which he could not be awakened; at the same time the face and back were covered with cold sweat, eyes open and staring, features drawn; by long-continued shaking and calling the patient was momentarily aroused to consciousness; he took a cup of peppermint tea and then fell down in a most profound faint, with pale face, cold sweat, staring, sunken eyes, surrounded by blue margins, dilated and insensible pupils; the lower jaw dropped, the extremities relaxed, powerless,[120].—Cannot be wakened or aroused in the morning (second, third, and ninth days),[2].—***Sleeplessness.*** Sleeplessness,[72 57 60], etc.—Could not fall asleep in the evening, could not wake in the morning (third day),[2].—Light slumbers, often interrupted, sometimes without apparent cause, but more frequently by cough and colic,[92].—Restless sleep,[47 64].—Sleeping badly and eating badly, when sight began to fail,[174].—Uneasy sleep at night, with coldness and tossing about the bed (ninth day),[2].—Restless sleep at night, frequent waking on account of pain in the left wrist and ankle,[45].—[**1250.**] Restless sleep with anxious dreams,[50].—Sleepless and restless at night, and were often favored in sleep with dreams of snakes and other frightful visions,[142].—Starting from his early slumber with a shock through the epigastrium, and sometimes through the chest,[64].—Frightened during slumber (first day),[2].—Awoke several times at night (first and second day),[2].—During the first part of the night there was wakefulness, but this was always followed by sound sleep, which continued till the hour for rising,[87].—Ten had disturbed sleep,[143].—Sleep bad, and disturbed by dreams,[167].—Startings, when first falling into a slumber,[57].—***Dreams.*** Sleep disturbed by many dreams,[45].—[**1260.**] Sleep broken by the most horrid imagery, in the shape of frightful dreams, for more than a year,[56].—Dreams that she wished to talk and could not, on account of her excessively large tongue, which extended out of her mouth and up to her nose; she tried to cry out and could not, thereupon wept and was inconsolable, until at last she woke in anxiety (a kind of nightmare), (first day)[1].—Uneasy dreams,[51].—Dreams disturbing sleep,[46].—Painful dream that a tooth had fallen out,[2].—Anxious dream of fire (first day),[2].—Frightful dreams,[47 64].—Frightful dreams, dreams generally of snakes, apprehension of death, etc.,[137].

Fever.—Chilliness. Chilliness,[92].—Chilliness, with shivering in the open air (first day),[2].—[**1270.**] **Chilliness, with cold sweat* (after two hours),[97].—Chilliness from 5 to 7 P.M.; about 6 o'clock associated with thirst (first day),[1].—Violent shaking chill in the evening in bed,[44].—Violent shaking chill, with inclination to stretch, in the evening (first day),[44].—Shaking chill over the whole body every evening,[2].—Shivering, with yawning and stretching of the arms (after four minutes),[2].—Shivering over the whole body (after a quarter of an hour),[2].—Shivering over the whole body, flushes of heat (first day),[2].—Shivering immediately after eating, which lasted nearly the whole afternoon, and frequently alternated with heat, without thirst; during the coldness she perspired constantly under the arms (first day),[2].—She complained of coldness and shivering in the morning in the open air (second day),[2].—[**1280.**] Shivering, with shaking all day, and towards evening sweat in the palms of the hands (second day),[2].—Shivering the whole day, and pressive pain between the shoulders (third day),[2].—Shivering nearly the whole day (seventh day),[2].—Febrile shivering and chilliness (eleventh day),[2].—Slight shivering,[48].—Gooseflesh all day (first day),[2].—**Cold skin*,[77 153].—Whole body icy cold, streaming with cold sweat,[78].—Pale and cold,[78].—Coldness, with creeping heat, with-

out thirst (after two hours),[2].—[**1290.**] A sense of excessive coldness,[134].—Coldness and shivering in the evening (fourth day),[2].—Skin cold, covered with clammy sweat,[128].—Complete absence of warmth, extremities cold and blue,[34].—Internal coldness, with hot face, with one time cold, at another warm, sweaty hands, without thirst (fourth day),[1].—Surface of body cool (96° Fahr.), clammy perspiring,[148].—Temperature 97.2°,[167].—Skin cold, especially on the extremities,[55a].—Cold, moist nose,[40].—Limbs cold and bluish,[35].—[**1300.**] Cold extremities,[10 17], etc.—The left hand is cold, the right hot (twelfth day),[2].—Icy-cold legs, with heat of the body (first day),[2].—The feet are icy cold from the knees to the toes, with burning in the thighs, and much heat (third day),[2].—Icy coldness of the feet; she could not get them warm in bed the whole night (first day),[1].—Cold feet (first and second day),[2].—***Heat.*** Violent fever, with general intoxication for three or four days,[15].—Extraordinary heat,[42].—Heat and restlessness,[7].—Heat and perspiration,[9].—[**1310.**] Heat and sensation of dryness, increasing from minute to minute (first day),[2].—Increased external warmth, with an internal sensation of shivering and prostration, with disinclination for the slightest work (soon),[4b].—Flushing heat after the vomiting,[2].—Warm body, with icy-cold hands (fifth day),[2].—Increased warmth, especially noticed in the palms (after a few minutes),[4a].—Sensation of warmth over the whole body,[45].—Temperature high,[80].—Temperature ranged from 98° to 99.5° Fahr.,[166].—Skin hot and dry; temperature in the axilla, 103.4°,[151].—Very dry, hot skin,[32].—[**1320.**] Orgasm of blood,[42].—Heat of the head and face, with burning in the cheeks (soon),[135].—Heat in the head (first and second days),[2].—Face hot, bright red,[42].—Sudden, very transient mounting of heat into the head (soon),[1].—Glowing heat in the right cheek, while the left was pale (first and sixth days),[2].—Heat and redness of the left cheek, without thirst (first day),[2].—Rising of heat into the face (first day),[2].—***Sweat.*** Perspiration,[140].—Profuse perspiration,[38 168].—[**1330.**] Profuse perspiration before midnight, as if soaked with water, with the odor of tobacco,[4d].—Profuse perspiration on the head and chest,[21].—General copious perspiration,[48].—While engaged in light occupation, streams of perspiration ran down his face,[69].—The whole skin, except the forehead, cold, covered with trickling perspiration,[77].—Cold perspiration for some days,[77].—***Cold perspiration,**[11 22 116], etc.—* *Cold sweat covered the whole body,*[17 36 70].—Cold sweats all night,[155].—***Cold, clammy sweats,**[55 89 167].—[**1340.**] Viscous sweating,[134].—Nightsweat (first day),[2].—Profuse perspiration of the head,[55a].—Cold sweat on the forehead,[93].—Cold perspiration on the face,[78].—* *Cold sweat on the hands* (after three hours),[2].—Perspiration apparently diminished,[87].—The cutaneous transpiration, whether from the diminished temperature of the atmosphere, or as an effect of the Tobacco, was very sensibly lessened in quantity,[87a].

Conditions.—**Aggravation.**—(*Morning*), Diarrhœa; dull pain in middle of spine.—(*Afternoon*), Apprehension; anxiety; pain in chest.—(*Evening*), Chilliness.—(*Night*), When alone, anxiety; irritation in throat, causing cough; pain in pit of stomach; on going to sleep, shocks at epigastrium; pain in cardiac region.—(*Open air*), Stitches in ears; humming in ears.—(*Breathing*), Stitches in liver.—(*Deep breathing*), Rumbling and gurgling in abdomen; stitches in chest.—(*Great cold*), The symptoms.—(*During dinner*), Pressure on right side of head.—(*After dinner*), Heaviness of head.—(*Eating*), Pressure in vertex; pressure in cardiac orifice of stomach.—(*After eating*), Loud eructations; pain in stomach; clawing in stomach.—(*On entering house, after walking*), Vertigo.—(*Great heat*), The

symptoms.—(*In the house*), Sleepiness.—(*Looking intently*), Lachrymation. (*Laughing*), Stitch in articulation of jaw.—(*Lying*), Pain in small of back. —(*Lying on left side*), Palpitation.—(*Motion*), Vertigo; headache; drawing pain in eyeballs and temples; vomiting; pain in left hypochondrium.—(*Moving eyes*), Pressive sensation in them.—(*Music*), Sticking.—(*Loud noise*), Humming in ears.—(*During rest*), Sticking in right side of chest. —(*Riding*), The symptoms.—(*On rising*), Vertigo.—(*Sitting*), Pain in small of back.—(*Stimulants*), Double vision.—(*Stooping*), Heaviness of head; stitches in hepatic region; retraction of navel.—(*Talking*), Stitches in right side of chest.—(*Before urinating*), Stitches in urethra.—(*On urinating*), Burning in urethra; prickling in urethra.—(*Walking*), Flickering before eyes; the symptoms.—(*Stormy weather*), The symptoms.

Amelioration.—(*Open air*), Headache; stitches in forehead; the symptoms.—(*Deep breathing*), Oppression of chest.—(*Inspiration*), Stitches in right side of chest.—(*Pressing cheeks*), Drawing pain in teeth.—(*Weeping*), Apprehension.

TANACETUM.

Tanacetum vulgare, Linn.

Natural order, Compositæ.

Common names, Tansy; (G.), Rainfarn; (F.), Tanaisie.

Preparation, Tincture of the plant.

Authorities. **1**, Hering, Archiv., 13, pr. 1, p. 170, a boy, æt. twelve years, took 1½ ounces of extract for worms; **2**, Ely Van de Warker, M.D., The Detection of Criminal Abortion, p. 75, 10 minims of oil of Tansy in simple syrup; **3**, same, two 15-minim doses at intervals of four hours; **4**, same, another case; **5**, W., Bost. Med. and Surg. Jour., vol. 10, 1834, p. 30, a woman took a large dose of the oil; **6**, same, X. Y. Z., took repeated doses of 10 to 20 drops; **7**, same, took 209 drops in one hour and thirty-six minutes; **8**, Charles T. Hildreth, M.D., Med. Mag., 1834 (Am. Journ. of Med. Sci., 1835, p. 256), a woman took ½ ounce of the oil, death in two hours; **9**, Dr. H. C. Raymond, Am. Journ. of Med. Sci., 1841 (2), p. 514, a woman took an overdose of same; **10**, W. W. Ely, M.D., Am. Journ. of Med. Sci., 1852 (1), p. 279, a young lady took a tablespoonful of same, death in an hour and a quarter; **11**, John C. Dalton, Jr., M.D., ibid., p. 136, a girl, æt. twenty-one years, took 11 drachms of same to procure an abortion, death in three hours and a half; **12**, Dr. Chapin, Bost. Med. and Surg. Journ., vol. 57, 1857, p. 383, a woman took ½ fluid ounce of same; **13**, Dr. Underwood, ibid., a young woman took the oil to produce abortion; **14**, John E. Pendleton, M.D., Am. Med. Times, vol. 2, 1861, p. 177, a girl, æt. twenty-one years, took a strong decoction of Tansy to procure abortion, death in twenty-six hours; **15**, E. M. Hale, North Am. Journ. of Hom., vol. 13, 1865; **16**, William H. Burt, M.D., Med. Invest., March, 1865, p. 63, took the pure oil, 4 drops (first day), 6 drops (second day), 10 drops (fourth day), 25 drops (sixth day); **17**, A. C. Blodget, M.D., Buffalo Med. and Surg. Journ., 1868, p. 136, Mrs. O., æt. thirty years, about three months pregnant, took 3 drachms of oil; **18**, E. M. Hale, M.D., West. Hom. Obs., vol. 6, 1869, p. 345, a young woman took two tablespoonfuls to procure abortion; **19**, W. Aldright, M.D., Canada Med. Journ., vol. 6, 1870, p. 212, Miss ——, pregnant, took half a teaspoonful; **20**, A. D. Binkerd, M.D., Med. and Surg. Rep., vol. 22, 1870, p. 538, Mrs. B., æt. twenty-eight

years, accustomed to take 5-drop doses without inconvenience, now took 15 or 20 drops; **21**, Dr. Henry Flood, Med. Rec., vol. 11, 1876, p. 339, Mrs. S., æt. twenty-five years, took a teaspoonful of the oil to procure abortion, and Mrs. D., in second month of pregnancy, took a strong decoction with like results; **22**, Dr. Welch, Med. Rec., vol. 12, p. 348, a young girl, to procure abortion, took small doses of the oil for two weeks, and then a heavier dose.

Mind.—Slight exhilaration from some cause,[6].—Nervousness,[20].—Moaning and general appearance of distress (after three-quarters of an hour),[17].—Great confusion of mind,[16].—Fatigue of mind after the least mental exertion,[16].—Intellect enfeebled, with tendency to stupor (after three-quarters of an hour); completely unconscious (after one hour and a quarter),[17].—Upon questioning her, I detected an indifference to my interrogatories and incoherence in her replies to the point inquired after (after two hours),[14].—Unable to fix my attention on anything, and it seemed as though the next instant my reason would leave me,[7].—Dulness of all the senses,[16].—[**10.**] Partially unconscious,[12].—Loss of consciousness,[9 10].—Total unconsciousness,[11].—Uttered a shriek and fell senseless to the ground; she continued in this comatose condition over an hour, when she vomited again and recovered consciousness,[20].—Perfectly unconscious, though not profoundly comatose,[19].—Perfectly comatose (after six hours),[14].

Head.—Dizziness,[3 10 20].—Dizziness and confusion of mind continuing to increase, particularly the latter,[7].—Slight giddiness (in half an hour),[2].—When first attacked, her condition, judging from the description of those who saw her, was very similar to a person in apoplexy,[18].—[**20.**] Sense of weariness, but not pain in the head (after three hours and a half),[4].—Strange fulness and sense of pressure within the head, amounting to pain (after one hour),[3].—Very unpleasant sense of fulness within the head (in fifteen minutes),[2].—Sense of fulness of the head and face (after fifteen minutes),[2].—Agonizing pain in head,[20].—Constant dull heavy headache for a number of days,[16].—Severe frontal headache, with great fulness of the head,[16].—Dull frontal headache, with cutting pain in the temples,[16].

Eye.—The sclerotic coat of the eye was so congested that it had a dark-purple glassy appearance, and was so badly swollen that the cornea seemed to be depressed (after two weeks),[18].—Eyes open and very brilliant; pupils of equal size, widely dilated, and immovable; sclerotics injected,[11].—[**30.**] A little inward strabismus of the right eye,[11].—Occasionally a slow, lateral, rolling motion of the eyeballs,[11].—Agglutination of the lids, in the morning,[16].—Dull aching pains in the eyeballs,[16].—Pupils slightly dilated,[19].—Pupils contracted (after two hours),[14].—Pupils, during the first hour, very closely contracted, afterwards very much dilated,[8].

Ear.—Stitches in the internal ear,[16].—A sensation as if something closed the ears very suddenly,[16].—Roaring in the ears,[16].—[**40.**] Ringing in ears (in twenty minutes),[3].

Nose.—Profuse secretion of mucus in the nose, with frequent coryza,[16].—Dryness of the nostrils,[16].

Face.—Features seemed fixed, giving to the physiognomy an expression of deep solemnity (after two hours),[14].—Duskiness of the countenance (after two hours),[14].—Face flushed,[2].—Cheeks flushed, of a bright-red color,[11].

Mouth.—Tongue feels rough, with a white coating on it,[16].—Mouth and nose drawn a little to the right side,[11].—Frothing at the mouth,[19].—[**50.**] Bloodstained mouth,[22].—Flat insipid taste,[16].

Throat.—Roughness of the throat,[16].—Feeling in the throat as if I

would cough all the time, without being able to cough through the whole proving,[16].—Unable to swallow,[21].

Stomach.—Thirst. Thirst (after two hours),[3].—***Eructations.*** Constant eructations, tasting of the oil for twenty-four hours after taking it,[16].—Eructations of sour air, at night,[16].—Repeated Tansy eructations and borborygmus (after three hours and a quarter),[3].—Flatulent eructations from the stomach, tasting intensely of Tansy (after half an hour),[2].—***Nausea and Vomiting.*** [60.] Some nausea,[7].—Suffering from nausea and vomiting, which, having been promoted by copious draughts of warm water, had continued freely for the last twenty minutes (after three-quarters of an hour),[17].—Vomiting,[12].—Vomited freely twice,[20].—Vomiting; the matter ejected had the odor of Tansy,[3].—Faint and sick at the stomach (after ten minutes),[17].—***Stomach.*** Slight glow in the stomach,[6].—Burning in stomach,[20].—Burning sensation in the stomach,[21].—Great heat of stomach and bowels,[2].—[70.] Immediate sense of heat in the stomach,[2].—Weight at the stomach (after three hours and a half),[4].—Drawing-cutting pains in the epigastrium many times,[16].

Abdomen.—Dull pains in the right hypochondrium; sharp pains in the left,[16].—Frequent colicky pains in the umbilical region through the day, and especially at 4 A.M., for two weeks,[16].—Sharp sticking pains in the whole umbilical region,[16].—Hard, dull, aching pains in the whole of the bowels, constant symptom,[16].—Feeling as though the bowels were full of limpid secretion from taking a cathartic (second morning),[6].—Constant hard drawing pains in the left groin,[16].—The pains are mostly all in the region of the small intestines; from small doses, they are of a cutting-stitching character; from large doses, constant dull, heavy, aching pains, with frequent spells of sharp, cutting, colicky pains, worse at night, and especially after midnight,[16].

Stool.—[80.] Soft papescent stools, preceded by sharp cutting pains in the umbilicus,[16].—A loose stool, and a second about half an hour after,[7].—Two loose evacuations from the bowels, and a feeling as though he would have more,[6].—Constipation (secondary); (primary), diarrhœa, from large doses,[16].

Urinary Organs.—Urine produced a slight scalding (after one hour),[3].—Constant inclination to urinate, with dull heavy pains in the small of the back (secondary),[16].—Desire to urinate constantly present, but not strangury (after one hour and twenty minutes),[3].—Constant desire to urinate still present (after three hours and a half),[4].—Marked diuretic action; obliged to rise and urinate, a very unusual occurrence; the urine strongly impregnated with the Tansy odor,[2].—Urinated three times in four hours,[2].—[90.] At first, suppression of urine, followed by profuse flow of urine,[16].—Urine very fetid,[16].—Urine very high-colored (primary); very light-colored (secondary),[16].—Urine passed in increased quantity, high-colored, and of strong odor of the drug (after half an hour),[2].

Sexual Organs.—There was inflammation of the vaginal walls of the internal and external labia, which resulted in an enormous abscess in one labia (after two weeks),[18].—(1st.) It will cause abortion in the early months of pregnancy; I have known one case at the second, one at the third, and one in the fourth month of gestation, the two former from large quantities of the warm infusion, the latter from the oil (how much I could not ascertain). (2d.) I have known it to bring back the menses after a suppression of several days, not naturally, but very profusely, with severe laborlike pains (from large draughts of the infusion). (3d.) Cases have

come under my observation where its use, in moderate doses of the infusion, had the effect of preventing a threatened abortion (it was taken to hasten the abortion),[15].—At full term a child was born, *not larger than a rat;* the child lived three weeks,[13].

Respiratory Organs.—Mucus had collected in the larynx and fauces, which very much disturbed respiration (after six hours),[14].—Constant tickling sensation in the larynx and fauces, that produces a constant inclination to cough, but no coughing,[16].—[**100.**] My voice had a strange sound to my ears,[7].—Breathing slightly oppressed (after three hours and a half),[4].—Respiration disturbed,[22].—Breathing much distressed (after three-quarters of an hour); labored (after one hour and a quarter),[17].—Strong desire to draw a full breath, which did not give relief to the oppression in the chest when drawn (after two hours),[3].—Laborious respiration,[10].—Respiration 14 to the minute, with some labor of the respiratory muscles (after two hours); 12 to the minute (after six hours),[14].—Respiration hurried, labored, stertorous, and obstructed by an abundance of frothy mucus, which filled the air-passages, and was blown from between the lips in expiration; the breath had a strong odor of Tansy,[11].—Respiration laborious, not stertorous; blowing the mucus and saliva from her fauces and mouth, but the saliva did not appear to enter the larynx; this respiration was more marked after each spasm, but not very unlike that of sound sleep a part of the time when most quiet,[8].

Heart and Pulse.—Feeble cardiac action, and all the signs of impending dissolution,[22].—[**110.**] Pulse 115 (after two hours and three-quarters),[3].—Pulse 110, small and feeble (after three-quarters of an hour); almost extinct (after one hour and a quarter),[17].—Pulse 98 (after half an hour),[2].—Pulse decidedly increased in force and a little in frequency (soon),[7].—Pulse slightly increased, but a little slower than natural (after two hours); 60, with a peculiar measured beat (after six hours),[14].—Pulse quite full, forcible, 128,[11].—Pulse fuller and more incompressible,[6].—Pulse feeble and somewhat frequent,[19].—Irregular pulse,[10].—Pulseless,[22].

Back.—[**120.**] Severe attack of lumbago one evening, lasted all the evening,[16].—Constant dull aching pains in the lumbar region, for ten days,[16].

Extremities.—Feeling of numbness, with a sensation as though her arms and legs were suddenly swelling (after ten minutes),[17].—A sense of cold numbness crept over her limbs (after three hours); the numbness increased till it amounted almost to paralysis,[20].—Pricking sensation coming and going over the extremities and along the spine (after three hours and a half),[4].—Prickling sensation in extremities, with flashes of heat (after one hour),[3].

Superior Extremities.—Left wrist very lame and sore, in the morning,[16].

Inferior Extremities.—Great weakness of the legs, with general prostration of strength,[16].—Unsteadiness of step, with a feeling I cannot describe, but far worse than pain,[7].

Generalities.—Trembling,[7].—[**130.**] Paroxysms,[12].—Convulsions,[9].—Convulsions, supposed from the description given by those around her to be epileptic, in which the shoulder was dislocated,[5].—A succession of convulsions supervened, with frothing at the mouth, laborious respiration, and irregular pulse,[10].—Convulsions of a severe and dangerous character,[21].—She was seized with convulsions, after which she vomited freely, then was carried in a state of catalepsy to bed,[20].—Violent convulsions,[13].—Clonic

spasms (after three-quarters of an hour),[17].—Violent clonic spasm,[22].—Spasms occurred once in about twelve minutes. They were the most violent rigid kind of clonic spasms, but not convulsive; they came on instantaneously and generally, and continued about one minute. They were attended with slight, if any, motion of the arms; it might be called a trembling. The arms were peculiarly affected, and invariably in the same way; they were thrown out, forward of, and at right angles with the body; the hands, at the wrists, bent at right angles, with the forearm supinated, the points of the fingers nearly in contact, the fingers straight, and slightly bent at the joint which united them with the hand. The muscles of respiration were strongly affected during each paroxysm; air was forced from the chest slowly but steadily, and made a slight hissing noise as it escaped from between the patient's lips. During the intermission of spasm, the muscles were perfectly flexible, and the transition seemed very sudden. The jaws were the only exception to this rule; they were for the first hour and a quarter rigidly closed, and were with difficulty opened, but after that, were subjected to the same action as the rest of the body; when the spasms were on, they were rigid, and when they were off, they were relaxed. After the patient grew weaker, the spasms were more frequent, but had about the same severity and length,[5].—[**140.**] At intervals of five or ten minutes the body was convulsed by strong spasms, in which the head was thrown back, the respiration suspended, the arms raised and kept rigidly extended, and the fingers contracted. After this state of rigidity had continued for about half a minute, it was usually succeeded by a tremulous motion, often sufficient to shake the room, together with very faint and imperfect attempts at inspiration. The whole interval, from the commencement of the convulsion to the first full inspiration, varied from a minute to a minute and a half. Occasionally, the tongue was wounded by the teeth, and the saliva slightly tinged with blood. Immediately after a convulsion, the countenance was very pallid and livid, from the suspension of respiration, and the pulse exceedingly reduced in strength and frequency. The pulse and color then gradually returned until the occurrence of the next spasm. It was very common, a few seconds after the termination of a convulsion, for the head to be drawn slowly backward, and the eyelids, at the same time, stretched wide open. In the intervals of the convulsion, the limbs were mostly relaxed, but the jaws remained clenched,[11].—General paralysis of all voluntary motion, including the muscles of deglutition (after six hours),[14].—Great immobility; he made extraordinary movements and remarkable gestures, stretching, drawing up the feet, standing on his head, and when spoken to concerning it, he said: "Let me do as I wish; I cannot do anything else;" so he drew up the legs, and when the muscles would not draw them farther, he pulled them up with his hands, and then suddenly stretched them out; throughout this there were no pains; it lasted half an hour, recurring several times (after several doses),[1].—Few rheumatic symptoms,[16].—A sensation approaching a thrill through the whole frame,[6].

Sleep.—Somewhat drowsy (after three hours and a quarter),[3].—Went to bed drowsy, but not restless (after three hours and a half),[4].

Fever.—Surface cool and moist (after three-quarters of an hour); cold and clammy (after one hour and a quarter),[17].—Surface below its normal temperature, still cooler towards the extremities (after two hours),[14].—Temperature 100.5° F. (after two hours and three-quarters),[5].—[**150.**] Temperature 99.5° F. (after half an hour),[2].—Feeling of warmth diffused over whole abdomen (after fifteen minutes),[3].—Skin warm, but not remark-

able as to moisture,[11].—Cold clammy perspiration covered the surface (after six hours),[14].

Conditions.—**Aggravation.**—(*Night*), Sour eructations; 4 A.M., colicky pains in umbilical region.

TANGHINIA.

Tanghinia venenifera, Poiret. (T. Madagascariensis, Pet. Th.; Cerbera tanghin, Hook.)

Natural order, Apocynaceæ.

Preparation, Triturations of the seed (used by the natives of Madagascar and Eastern Coast of Africa for an ordeal).

Authority. Andrew Davidson, Journ. of Anat. and Phys., November, 1873, p. 100, effects of the nut.

Mind.—Although the mind is usually clear, yet delirium *occasionally* occurs.—The patient, in cases tending to a fatal issue, becomes unable to rise; in other instances, according to the testimony of observers, he lies as if asleep, and when roused, answers like a drowsy man, then lapses back into his former condition; in other cases, the patient remains conscious to the last, without either stupor or delirium.

Head.—The sufferer is said to feel giddy under its influence; he staggers if he attempts to walk, is unable to support his own weight, and falls down helpless and paralyzed.

Mouth.—A peculiar numb tingling sensation is felt in the mouth and fauces, due to its topical action; several of those who have undergone the ordeal have assured me that they experienced a similar feeling more or less over the whole body, but especially in the hands.

Stomach.—Sickness ensues, with vomiting, intense, distressing, and repeated, first of the contents of the stomach, then of bile and mucus.

Stool.—Purging and urination appear, and are more or less urgent; purging is a bad symptom, and the worse the more urgent it is.

Extremities.—Death is preceded by spasmodic movements of the fingers and toes.

Generalities.—The vomiting is attended by a feeling of great debility and anxiety.

TANNIN.

Digallic acid, $C_{14}H_{10}O_9$.

Preparation, Triturations.

Authorities. **1.** M. Cavarra, Bul. Therap., March, 1837 (Boston Med. and Surg. Journ., vol. 17, 1837, p. 204), took three pills, each containing 2½ grains, for three successive days; two other healthy persons took same with similar results; **2**, Wien. Med. Woch., 1865 (Monart. Blatt., 13, p. 16), effects of large doses; **3**, same, a woman, æt. twenty-seven years, took a large quantity for diarrhœa.

Mouth.—Tongue white, dry,[3].—Leathery dryness of the mucous membrane of the mouth and intestinal canal,[2].

Stomach. — Loss of appetite,[3]. — Thirst,[3]. —Vomiting,[2]. — Obstinate vomiting of bilious substances,[3].—Symptoms of ileus and vomiting,[3].—Indigestion,[2].—Painful sensation in the epigastric region and abdomen,[2].—[**10.**] Violent pressure in the stomach,[3].

Abdomen.—The intestines could be felt like cylindrical enlargements through the walls of the abdomen; over these parts percussion was sometimes dull,[3].—Distension of the abdomen,[2].—Abdomen sensitive to pressure but not distended,[3].—Pains in the abdomen,[3].—Symptoms of ileus,[2].—Colic,[2].

Stool.—Purulent and bloody discharge from the bowels,[2].—Obstinate constipation,[2].—Obstinate constipation for eight days,[3].—[**20.**] An obstinate attack of constipation, which lasted for eight days, and was only dissipated on the ninth by 2 drops of Croton oil,[1].

Urinary Organs.—Urine scanty, dark-colored,[3].

Respiratory Organs.—Respiration 36,[3].

Heart and Pulse.—Palpitation,[2].—Pulse 108,[3].

Generalities.—Weakness,[3].

Fever.—Fever,[3].

TARAXACUM.

Taraxacum Dens-leonis, Desf. (Leontodon Taraxacum, Linn.)

Natural order, Compositæ.

Common name, Dandelion; (G.) Löwenzahn.

Preparation, Tincture of the whole plant just before the perfection of the flower.

Authorities. (1 to 5 from Hahnemann.) **1**, Franz; **2**, Gutmann; **3**, Kummer; **4**, Langhammer; **5**, Rasazemsky; **6**, George Smyth, M.D., Lancet, 1845 (2), p. 506, a lady, believing herself troubled with a liver complaint, took a dessertspoonful of the extract twice a day for rather more than a week.

Mind.—Talkativeness and incessant prattling,[4].—Religious, pious mood, happy, contented with himself and his condition,[4].—Very much inclined to laugh,[4].—Without occupation he is quite gloomy; does not know what to do, and cannot make up his mind to do anything,[1].—Ill-humored, in the morning, and disinclined to any occupation or to talking (after twenty-five hours),[4].—Irresolution and dread of work, though it progresses well as soon as he undertakes it,[1].

Head.—Vertigo. Vertigo, with insecure step, as if he would fall forward, when walking in the open air (after ten hours),[4].—Vertigo, as if intoxicated, when walking in the open air; the head fell now to the left, now to the right side (after two hours and a half),[4].—Great dizziness and dulness in the head; he seemed to reel, as if dizzy, when walking in the open air,[1].—***General Head.*** [**10.**] Heaviness of the head, with heat and redness of the face,[2].—In the head, a sensation composed of pressure and itching,[2].—A sensation in the head as if the brain were constricted by a soft pressure from all sides,[1].—Pressive headache, from within outward (after two hours and a half),[2].—Burning pressive headache, extending upward,[2].—***Forehead.*** At one time contraction and whirling, like vertigo, in the forehead, above the nose; at another time sensation as if the brain were distended here and there, painless,[1].—Drawing-pressive pain on the frontal bone, while standing,[1].—Pressive pain in the forepart of the head, extending outward towards the forehead,[2].—Pressive stupefying pain in the forehead, as after intoxication (after one hour),[4].—Constant pressive pain in the forehead (after four hours),[2].—[**20.**] Pressive stupefying pain in the whole forehead, while sitting, so that while reading he lost his senses

and did not know where he was, associated with nausea; only relieved in the open air (after one hour and three-quarters),[4].—Pressive crawling pain in the forehead, extending from the middle of it, as if from something alive, frequently, when walking in the open air (after four hours),[4].—Severe frontal headache,[6].—Dull sticking pressure in the forehead (after half an hour),[2].—Tearing stitches in the left side of the forehead, in quick succession,[4].—*Sharp stitches, externally, in the left side of the forehead, not relieved by pressure* (after thirteen hours),[4].—***Temples.*** *Pressive pain in the right temple* (after thirty-five hours),[2].—*Drawing pain in the left temple, while sitting, ceasing while walking and standing* (after five hours),[4].—A constant violent stitch in the left temporal region, while walking in the open air, which was relieved while standing (after thirty-eight hours),[4].—*Needlelike stitches in the left temple, while sitting, which cease while standing* (after one hour and a half),[4].—[**30.**] Drawing pressive headache in the temples,[1].—***Parietal.*** A constant sticking pain in the left side of the head, lasting six hours,[5].—***Occiput.*** Heaviness in the occiput, which always disappears on stooping, and returns on rising and holding the head erect, when it is worse,[2].—**Pressure and heavinsss in the occiput, after lying down* (after nine hours and a half),[2].—**Tearing pain in the occiput,* while walking, which disappears on standing still,[1].—Sticking tearing in the occiput behind the right ear,[1].—***External Head.*** The anterior portion of the scalp is tense, as if drawn tightly over the vertex,[3].—Tearing, externally, in the occiput, while walking,[1].

Eye.—A kind of ophthalmia; the eyes cannot endure the light and constantly water, with pressure in the right upper lid, as from something which he ineffectually attempted to wipe away,[2].—Sharp sticking pain in the right eye,[2].—***Lids.*** [**40.**] Eyes agglutinated, in the morning on waking, for several days,[3].—Hard mucus in the eyes, more in the morning than during the day,[3].—Sharp pressure, as from a grain of sand, in the right inner canthus, with a feeling as if the lids were swollen,[1].—Fine sticking-burning in both eyelids (after half an hour),[2].—***Ball.*** Violent burning in the right eyeball, towards the inner canthus,[2].—*Burning sticking in the left eyeball, towards the external canthus* (after half an hour),[2].—*Burning in the left eyeball* (after eleven hours and a half),[2].—Sticking-burning pain in the left eyeball (after twenty hours),[2].—***Pupil.*** Pupils dilated (after twenty-six hours),[4].—Pupils contracted (after four hours),[4].

Ear.—[**50.**] Tearing in the outer meatus auditorius, and sharp pressure behind the ramus of the lower jaw,[1].—*Drawing pain in the outer ear* (after five hours),[4].—Pressure inward, within the left ear,[2].—Itching-burning sticking in the right ear,[2].—Sticking, from within outward, in the right ear, which always extended again inward,[2].—Stitches behind the ear, with tearing pain down the side of the neck,[1].—(Difficulty of hearing, as from stoppage of the ears, in the evening; he hears indistinctly),[1].—Chirping, like grasshoppers, in the left ear (after thirty-three hours),[4].

Nose.—Frequent sneezing, while walking in the open air (after four, and twenty-eight hours),[4].—Nosebleed, from the left nostril, twice at noon, before dinner (after thirty hours),[4].

Face.—[**60.**] Sharp pressure in the right cheek (after half an hour),[3].—A pressive stitch in the cheek,[2].—Cracking in the middle of the upper lip (after six hours),[3].

Mouth.—Teeth. Blood flowed from the hollow teeth of the right side (and had a sour taste),[3].—Aching pain, like blows, in two incisors, more in the crowns,[2].—A feeling as if the teeth were on edge, as from acid

fruit, while chewing food (after thirty-seven hours),[4].—Drawing pain in the right hollow teeth, which extends into the cheeks and as far as the brow,[3]. —***Tongue.*** Tongue thickly coated on the back part with a yellowish-brown fur,[6].—Tongue coated white (after two hours and three-quarters),[4]. —**Tongue covered with white coating, which gradually peels off in spots* (after eleven hours and a half),[4].—[**70.**] ***Tongue covered with a white film, with a sensation of rawness in it; afterwards this film comes off in pieces, leaving dark red, tender, and very sensitive spots** (after thirty-four hours),[4]. —Tongue brown and very dry, in the morning on waking,[3].—Burning stitches in the left side of the tongue (after nine hours),[2].—***Mouth.*** *Suppurating pimple in the right corner of the mouth (after forty-nine hours),[4]. —***Saliva.*** Collection of sour-tasting water in the mouth,[3].—**Accumulation of saliva in the mouth, and a feeling as if the larynx were compressed* (after thirty-one hours),[4].—***Taste.*** **A bitter taste rises from the pharynx into the mouth*,[1].—**Bitter taste in the mouth, before eating*, but food has a natural taste,[4].—Smoking tobacco is not relished; it causes burning in the throat, almost like heartburn, and takes away the breath; on drinking it disappears,[3].—Meat, but especially gravy from roast beef, has a very sour taste when it comes in contact with the tip of the tongue,[3].—[**80.**] Butter has a disagreeable taste on the tip of the tongue, a salty sour; tastes as usual on the palate,[3].—The mucus hawked up tastes very sour and sets the teeth on edge (after three and four hours),[3].

Throat.—Dryness of the throat, in which there was a circumscribed ring of inflammation surrounding the isthmus faucium,[6].—Dryness and stitches in the throat,[1].—Tickling irritation to hacking cough, in the region of the pit of the throat; he always had a few minutes' warning of the paroxysm, but was never able to suppress it (after forty hours),[4].—Dry sensation in the fauces, with bitter mucus, which made the voice husky,[1].—Sharp pressure on the anterior wall of the pharynx and larynx, when not swallowing, which provokes cough, but disappears on swallowing,[1].—Swallowing difficult; a kind of pressure, as from internal swelling, in the throat,[2].—Acute pain in the region below the parotid gland, and in the cervical muscles, and extending from the sternum to the mastoid process, on moving the jaw and neck,[3].

Stomach.—**Bitter eructations and hiccough*,[1].—[**90.**] Empty eructations, especially after drinking, for several days (after half an hour),[3].—Some nausea (after three days),[6].—Nausea, associated with anxiety, while sitting, disappearing while standing (after two hours and a half),[4].—Qualmishness and nausea, in the pharynx (after two hours and three-quarters),[4]. —**Nausea, as from overloading with fat food, he thought he would vomit*, with pressive stupefying pain in the forehead, only relieved in the open air (after one hour and three-quarters),[4].—Rumbling in the umbilical region, towards the left side,[2].—Tension in the pit of the stomach and pressure in the ensiform cartilage, while stooping,[1].

Abdomen.—Boring pain, extending from within outward, in the region of the navel, extending towards the right side,[2].—Pressive pain in the left side of the abdomen,[2].—*Constant pressive stitches in the left side of the abdomen* (after twenty-four, and thirty hours),[2].—[**100.**] Violent stitch in the side of the abdomen, lasting a minute,[5].—Tense pressive stitches in the right side of the abdomen,[2].—Painless movements and rumbling in the abdomen,[3].—Griping in the abdomen (after one hour and a quarter),[2].—Colic; griping in the abdomen, followed by emission of flatus (after three, and sixteen hours),[4].—Tensive pain in the region of the diaphragm, during

violent inspiration (after eleven hours),[2].—Stitches in the right side of the diaphragm, when lying upon that side,[2].—Itching-sticking pain in the right abdominal muscles,[2].—*Single, violent, sharp stitches, partly in the left upper abdomen, partly in the left or right side of the abdomen, partly also in the lower abdomen* (after fourteen, and thirty-one hours),[2].—*A sudden persistent motion in the lower abdomen, as if bubbles formed and burst* (after five hours and a half),[4].—[**110.**] Painless bubbling in the muscles of the left lower abdomen,[2].—Burning stitches in the left lower abdomen, extending towards the genitals (after twenty-five hours),[2].—Painful sensation, as if sprained, in the left groin, when walking, somewhat relieved when standing and on pressure (after six hours),[4].

Stool.—Stool earlier than usual and pasty; the desire, however, continues without another evacuation,[1].—**Stool difficult*, not hard, evacuated with much pressure, the second time (after eight hours and a half); a third stool less hard (after sixteen hours),[4].—Bowels confined (after three days),[6].

Urinary Organs.—**Frequent desire to urinate, with discharge of much urine* (after three hours); frequent desire, with scanty discharge (after twenty-five hours),[4].†—*Pressure to urinate, without pain* (after one hour),[4].—Urine high-colored, and considerably diminished in quantity,[6].

Sexual Organs.—Long-continued involuntary erections (after nine days),[3].—[**120.**] A persistent boring pain in the glans penis,[2].—Tickling on the prepuce provokes rubbing (after seven hours and a half),[4].—A fine stitch in the left testicle,[2].—Burning sticking in the right testicle,[2].—Emission, every other night,[3].

Chest.—Stitches, extending inward into the chest, during inspiration, while standing,[1].—Burning pressure in the sternum, worse during expiration than inspiration (after half an hour),[2].—Violent stitches in the sternum (after six hours),[2].—*Twitching in the right costal muscles* (after fourteen hours),[2].—Pressure from within against the ribs in the right side of the chest, extending from the hepatic region into the chest, over a surface larger than the hand, during expiration, while standing,[1].—[**130.**] A pressive stitch in the right chest, which disappeared on violent inspiration and expiration, but on pressing upon the part it returned more violent and extended over a larger space; was continuous as a sticking pain (after two hours),[2].—Constant sticking in the right side of the chest, while walking,[2].—A stitch in the right side of the chest (after four hours),[2].—Stitch in the right side of the chest, just beneath the axilla (after one hour and a half),[2].—Violent stitch in the region of the sixth rib,[3].—Twitching in the left costal muscles,[2].—Pressure in the left side beneath the axilla,[2].—Pressure beneath the left ribs,[2].—Stitch in the left side of the chest, extending towards the back,[2].—Dull stitches in the left chest (after one hour),[2].—[**140.**] Three violent stitches, one on every inspiration, beneath the last left ribs, extending towards the back,[3].—Violent sticking on the last ribs of the left side,[2].—Boring-twisting pain in the right breast, more violent and persistent while walking (after three hours),[2].

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† It may be seen, from this symptom, the first part of which represents the primary action, the second the secondary or persistent reaction of the organism, how perverted is the customary practice which attempts to cure with Taraxacum chronic swelling associated with diminished secretion of urine. If its nature is at first to increase the quantity of urine, its persistent reaction is to diminish it all the more. On the contrary, it is of use, homœopathically, in forms of diuresis (diabetes) when the other symptoms correspond to Taraxacum, when the disease is not of miasmatic origin, as often happens.—HAHNEMANN.

Heart and Pulse.—An uneasy sensation of sinking in the præcordia (after three days),[6].—Pulse considerably accelerated, full but soft,[6].

Neck and Back.—*Twitching in the lower portion of the side of the neck* (after fifteen hours),[2].—Pressive jerkings in the cervical muscles behind the left ear (after three hours and a half),[2].—Aching sticking in the nape of the neck,[2].—*Sticking, as with a somewhat blunt needle, in the left side of the nape of the neck, disappearing on sitting down* (after one hour and a half),[4].—Sharp boring stitches, from within outward, in the left side of the neck, lasting several minutes,[2].—[**150.**] Pressing-sticking pain in the whole of the spine, towards the right side, especially violent in the small of the back, with difficult breathing, while lying,[2].—Tensive stitch in the back, toward the right side,[2].—A boring-sticking drawing in the scapular extremity of the right clavicle,[1].—A constant dull stitch, from within outward, in the right scapula (after twenty-one hours),[2].—Pressure in the small of the back,[2].—Pressure in the small of the back, while standing,[1].—Pressure from within outward, in the left lumbar region,[2].—Painless creeping in the small of the back,[2].

Extremities.—All the limbs move easily, but it seems to him as though the motor power were restrained,[1].

Superior Extremities.—Pressive pain on the inner side of the left arm,[2].—[**160.**] Sharp stitch on the outer side of the left arm,[2].—***Shoulder.*** *Rumbling and gurgling in the right shoulderblade,*[2].—Pulsative throbbing on the left shoulder, for a minute,[3].—Painless bubbling on the left shoulder, with chilliness all over,[2].—Twitching on the top of the left shoulder,[2].—***Arm.*** Twitching in the muscles of the left upper arm, at the outer portion (after four hours),[2].—Twitching in the upper arm,[2].—Pressive pain in the muscles of the left upper arm (after thirty hours),[2].—Pain, like electric shocks, on the outer side of the left upper arm,[2].—On the posterior portion of the upper arm a series of acute, partly needle-like stitches, which disappear on rubbing,[3].—[**170.**] Intermitting stitches, on the outer side, between the elbow and the middle of the right upper arm, during rest,[1].—Sticking pain on the inner side of the left upper arm,[2].—Pulsating intermittent throbbing, within the upper arm,[3].—***Elbow.*** Stitches in the right elbow,[2].—***Forearm.*** *Twitching of the muscles of the left forearm* (after ten hours),[2].—Drawing pains in the forearms, frequently recurring,[3].—Pressive pain on the inner side of the right forearm,[2].—Burning in the right forearm,[2].—Sharp stitches in the right forearm, which disappear on touch (after thirteen hours),[4].—Fine stitches in the left forearm, during rest and motion (after thirteen hours),[4].—***Wrist.*** [**180.**] Tearing drawing in the left wrist, extending to the three last fingers,[3].—***Fingers.*** *Pressive pain in the three last fingers of the right hand,*[2].—Sticking pain in the left fourth finger,[2].—Burning pain in the left third and fourth fingers,[2].

Inferior Extremities.—***Thigh.*** Twitching of the upper muscles of the thigh (after two hours),[2].—Twitching in the lower portion of the left gluteal muscles,[2].—Pressure on the inner side of the right thigh, while sitting and standing, not while walking (after two hours),[2].—Boring stitches on the inner side of the thigh, while sitting,[1].—Pinching stitch on the forepart of the thigh, very high up, as if beaten, more on touch than when walking,[3].—*Sticking pain in the whole left thigh* (after nine hours and a half, and ten hours and a half),[2].—***Knee.*** [**190.**] Sharp pressure on the outer side of the knee, on bending the leg,[1].—Tearing in the hollow of the knee, on the outer tendon, while sitting,[1].—Drawing-sticking pain on the outer side of the right knee, during rest and motion (after three hours),[4].—Stick-

ing pain, extending over the whole knee-joint,[2].—Constant burning pain in the forepart of the right knee,[2].—Burning pain in the left patella,[2].—***Leg.*** Weakness of the legs, especially on ascending steps,[3].—The right leg is weaker than the left, while walking, and yet it seems as though the muscles were more tense,[3].—Drawing pain in the legs, while sitting and walking,[3].—*Jerking pain in the right calf, which suddenly disappears on touching it* (after one hour),[4].—[**200.**] *Pressing pain in the left calf* (after three-quarters of an hour),[2].—Tearing pain on the outer margin of the left leg, while standing (after two hours),[4].—Gnawing corroding pain in the right leg (while standing), (after one hour and a half),[4].—Burning pain in the lower portion of the right leg,[2].—Burning pain on the outer side of the right leg,[2].—Burning on the forepart of the tibia,[2].—A drawing, violent, fine sticking, from below upward, in the right leg, while standing, which disappears while sitting (after thirty hours),[4].—Dull throbbing stitches in the right calf, just beneath the hollows of the knees,[1].—Persistent burning stitches in the calves (while sitting),[2].—Stitches in the right calf,[2].—[**210.**] Needle-like stitches, extending upward on the outer side of the left leg, while standing, which disappear while sitting (after thirty-one hours),[4].—***Ankle.*** Tearing drawing in the left ankle,[3].—Stitch in the right inner malleolus, while sitting (after thirty-two hours),[2].—***Foot.*** *A drawing pain on the back of the right foot, while standing, which disappears while sitting* (after one hour),[4].—Pressing-drawing pain on the back of the left foot, while standing (after three-quarters of an hour),[4].—*Pressure upon the back of the right foot, while sitting* (after twenty-two hours),[2].—A stitch on the back of the left foot, extending towards the great toe (after thirty-seven hours),[2].—Burning drawing on the back of the left foot (after thirty-seven hours),[2].—Stitches, extending from the back of the foot into the sole (after one hour and a half),[2].—Boring pain in the right sole,[2].—[**220.**] Burning boring in the left sole, extending towards the little toe,[2].—Burning-pressing pain in the right sole, towards the toes, while sitting,[2].—Burning pain on the sole of the right foot, towards the outer side,[2].—*Stinging pain, partly violent, partly fine, in the right sole, extending from within outward, while sitting* (after ten, and twenty-one hours),[2].—Itching stitches in the right sole (after thirty-two hours),[2].—***Toes.*** A constant pulling from the little toe up the tibia, while sitting,[1].—*Attacks of burning in the toes*, especially on the back of the right great toe,[2].—Burning sticking in the right great toe, when walking (after nine hours),[2].—Tearing stitches in the toes,[1].—Stitches in the right great toe, towards the second toe,[2].

Generalities.—[**230.**] After three days she began to feel rather uncomfortable and restless in herself; a sort of fidgetiness, as she expressed it, and general uneasiness, for which she could not account, as she had often been much worse indisposed without experiencing such miserable feelings,[6].—An inner feeling, as though he were very sick; all the limbs are painful when touched, or when in an uncomfortable position,[1].—Feeling of weakness over the whole body; loss of strength, so that he constantly wished to lie or sit, when he was in a condition of semi-consciousness, as on falling asleep,[1].—Nearly all the symptoms appear only while sitting, they almost all disappear while walking,[2].

Skin.—Objective. After eight days, on waking in the morning, she discovered the upper part of her body covered with a rash, to which her attention was first directed in consequence of its incessant tingling and itching; the itching, in short, was so urgent, that at first she could not possibly refrain from scratching, which afforded much satisfaction and relief for the time; but, as the relief proved only temporary whilst the operation

seemed greatly to increase rather than diminish the irritation, by producing a greater abundance of the eruption and increased redness of the skin, she was, therefore, afraid to indulge in it. When I saw her there was no eruption on the face, but it was slightly swollen, and exhibited merely patches of efflorescence or redness, w hout any thickening or elevation of the cuticle. On the forearm and hands the eruption, when examined, appeared to be of a mixed character, lichen and urticaria combined; the lichenose or papular eruption (the papula about the size of a pin's head, and of a purple or dark-red color) was dispersed over the whole of the arms, back, and front, but thicker about the wrists and bindings of the elbows than anywhere else, in which place it was also clustered together in patches upon an inflamed base. The heads of numerous papulæ appeared to have been broken off, and afterwards covered with a brownish incrustation, as if blood had first exuded and then become hardened; but this no doubt was occasioned partly by friction of the dress, and partly by the scratching to which these parts were, in the first instance, subjected, for the purpose of allaying the distressing tingling and itching, from which there is scarcely any respite in such cases. The urticaria occupied principally the front of the arms; the wheals or elevations were not very numerous or prominent, unless friction was had recourse to, by which they could be produced almost to any extent; they were stated to come out and go in again, two or three times in the course of the day, and to be always very large and abundant in the morning; the chest and around the waist were also said to be thickly covered, and the redness intense,[6].—A pimple, on the right side of the scalp, above the temple, painful on touch, as though the place were suppurating (after fifteen hours),[4].—A pimple in the middle of the hair of the left eyebrow, with pressing pain when touched (after twenty-seven hours),[4].—A suppurating pimple, on the upper part of the left cheek, with red areola, with gnawing pain on touch (after twenty-four hours),[4].—Suppurating pimple on the right wing of the nose (after eight hours),[4].—Papular eruptions on the hands, especially on the sides of the fingers, also on the back of the hand, with some itching,[3].—[240.] Some vesicles on the back of the foot which itch,[3].—***Subjective.*** Sudden itching below the chin (after one hour),[1].—Tickling itching on the perinæum, between the anus and genitals, which compels scratching (after fourteen hours),[4].—Voluptuous itching on the perinæum, which obliges scratching, followed by biting pain, lasting several hours (after thirty-two hours),[4].—Itching on the left gluteal muscles,[2].—Corrosive itching on the left thigh, obliging scratching (after seven hours and a half),[4].—Violent itching on the left calf, in the evening, on lying down, obliging scratching, but continuing to itch after scratching; afterwards the spot becomes red and moist (after seventeen hours),[4].—Itching sticking in the inner malleolus,[2].—Itching on the back of the right foot, which disappears on scratching (after one hour and three-quarters),[2].—Violent itching on both fourth toes (after twenty-five hours),[4].

Sleep.—Sleepiness. [250.] Frequent yawning while sitting, as though he had not slept enough (after five hours and a half),[4].—Overpowering sleepiness, after dinner; on waking he was obliged to urinate, with some burning, only before and after micturition,[3].—Sleepiness (while reading), (during the day); his eyes closed, so that he really must lie down; but on moving about the sleepiness disappeared (after five hours),[4].—While listening to scientific conversation he fell asleep in spite of every effort, and immediately had most vivid dreams,[3].—***Sleeplessness.*** Nights restless

(after three days),[6].—Frequent waking from sleep, as though he had slept enough,[4].—Frequent waking at night and tossing about the bed, could rest nowhere,[4].—***Dreams.*** *Vivid unremembered dreams*,[4].—Voluptuous dreams,[4].—Dream of quarrels, at night,[4].—[**260.**] Anxious, vivid, unremembered dreams,[3].

Fever.—Chilliness. **Great chilliness, after eating, especially after drinking*,[1].—Chilliness, for some hours, with constant pressing headache,[2]. —Chilliness over the whole body (after twenty-six hours),[4].—Violent shaking over the whole body, like a febrile paroxysm, worse on walking in the open air, without thirst and without subsequent heat (after two hours and a half),[4].—*The tips of the fingers are icy cold* (after six hours),[4].—***Heat.*** Much febrile action,[6].—*Sensation of heat, and heat in the face, with redness* (after one hour and a half),[4].—Heat in the face, hands, and rest of the body, without thirst (after six hours and a half),[4].—Sudden warmth in the face and rest of the body, without thirst, while walking in the open air (after thirty-seven hours),[4].—***Sweat.*** [**270.**] Immediately on falling asleep he began to perspire all over, so that he was frequently awakened thereby, when he always had heat over the whole body, much more distinct glowing heat in the cheeks; became quite wet from the perspiration, but was vigorous in the morning,[4].—On falling asleep in the evening, in bed, immediately perspiration all over, which continued through the whole night; in the morning he was active,[4].—Slight perspiration over the whole body (after twenty-two hours),[4].—Slight perspiration over the whole body, on waking from sleep, causing a biting all over the skin, which provokes scratching (after twenty-three hours),[4].—Much perspiration between the toes, especially of the right foot,[3].

***Conditions.*—Aggravation.**—(*Morning*), On awaking, eyes agglutinated.—(*After drinking*), Empty eructations.—(*After eating*), Chilliness. —(*Expiration*), Pressure on sternum; pressure from within against ribs.—(*Holding head erect*), Heaviness in occiput.—(*Inspiration*), Stitches in chest; stitch beneath left ribs.—(*While lying*), Sticking pain in spine.—(*Rubbing*), Stitch in upper arm.—(*While sitting*), Pressive pain in forehead; pain in left temple; stitches in left temple; stitches on inner side of thigh; tearing in hollow of knee; pain in right sole.—(*Stooping*), Pressure in pit of stomach.—(*While standing*), Pain in frontal bone; pressure in small of back; pain in left leg; sticking in right leg; stitches on outer side of left leg; pain on back of foot; pulling, from little toe up tibia.—(*Walking*), Pain in occiput; tearing in occiput; pain in left groin; sticking in right side of chest; pain in right breast; stitches in thigh; sticking in right great toe. (*Walking in open air*), Vertigo; crawling in forehead; stitch in left temporal region; sneezing; shaking over whole body.

Amelioration.—(*Standing*), Stitch in left temporal region.—(*Stooping*), Heaviness in occiput.—(*While walking*), Nearly all symptoms.

TARENTULA.

Lycosa Tarentula.
Animal kingdom.
Class, Myriopoda.
Order, Araneideæ.
Common name, Tarantula.
Preparation, Tincture of the living spiders.
Authorities. (1 to 8, from Georgius Baglivi, Dissertatio de Anat. Morsu

et Effectibus Tarantulæ, Romæ, 1695, Antwerp, 1715, cap. 6). **1**, general statement; **2**, a woman was bitten on the right leg in 1689; **3**, case of another woman; **4**, bite of black scorpion on the bare leg, death in a few hours; **5**, a young man ate a melon in which a scorpion had been lying, death on the third day; **6**, Franciscus Mustellus, was bitten on the left hand by a tarantula, in July; **7**, Epiphanio Ferdinando, ex obs. sua 87, Petrus Simeon Messapienfils, was bitten in the left hypochondrium by a tarantula; **8**, a physician in Naples was bitten in the left forearm in Aug., 1693, by tarantulæ brought from Apulia; **9**, Stephen Storace, Med. Museum, vol. 2, 1763, p. 350, a ploughman was bitten; **10**, Dr. Francesco, Mazzolani Observatore Medico (Lancet, 1826, p. 129), a boy, æt. fifteen, was bitten on the second toe of the left foot; **11**, M. Rinzi, Journ. Hebdom. (Lond. Med. Gaz., 1833, p. 848), general effects; **12**, Dr. Ferramoson, Obs. Med. de Napoli, 1834 (A. H. Z., 8, 297), effects of swallowing a tarantula with grapes; **13**, Dr. Nunez (translated by J. A. Terry, M.D., from the original work, and its French translation, with notes and additions by Dr. J. Perry, North Am. Journ. of Hom., New Ser., vol. 2, p. 387), provers, physicians, Messrs. Saurez Monge, Fernandez del Rio, Tejero, Tejedor, Cuesta, Dubost, J. Perry, and Hernandez Ros; under direction of Dr. Cuesta, two girls, æt. eighteen and twenty-two years; under Dr. Iturralde, two girls, æt. thirteen and fifteen years; under Dr. Alvarez Gonzalez, a woman, æt. forty years; under M. Chatagnier, a woman, æt. thirty-three years, and another of fifty years, passing through the change of life, dilutions used, 3, 6, 12, 200; duration of action, from six to eight weeks; **14**, Prof. J. Gross, Gaz. Med. Ital. (Am. Obs. vol. 7, 1870, p. 32), effect of bite on the hand; **15**, M. O. H. Hardenstein (Am. Journ. of Hom. Mat. Med., vol. 4, 1870, p. 106), a negro girl, æt. eighteen years, was bitten a little to right of left patella; **16**, J. Heber Smith (New Eng. Med. Gaz., vol. 10, 1875, p. 241), reported from letters by Dr. J. T. Sherman. Dr. Sherman killed a tarantula by immersion for twenty-four hours in alcohol; after removing and drying it, he noticed at the end of a leg a drop of liquid, which he wiped off with a wooden tooth-pick; a few minutes later he discovered himself rolling the tooth-pick between his thumb and forefinger, on the latter of which was a recent scratch.

Mind.—Emotional. **Paroxysm of insanity;* she presses her head and pulls her hair; rests about six minutes, and then she begins again, with restlessness, complaining, and threatening; strikes her head with her hands, scratches herself, does not answer when questioned; threatening manners and speech; *restlessness of the legs;* strikes her body, continues threatening; deep anguish, her clothes annoy her; *continual restlessness, threatening words of destruction* and death; she believes she is insulted; general trembling; pain in abdomen, relieved by pressure with her hands; she seems to listen, and answers with words and gesticulations; a mocking laughter, and joy expressed in her countenance. She comes out of this attack with a severe headache, eyes staring and wide open; she sees small figures hovering before her eyes, and moves her hands,[13].—Insanity on account of an unfortunate love,[13].—Great agitation,[16].—**Great excitement caused by music; one hour after it, general and copious perspiration,*[13].—Dementia, with individuals inclined to sadness, and of a gloomy disposition,[13].—***Hysteria,**[13].—Severe attack of hysteria, lasting half an hour; increased by moaning; relieved by sighing,[13].—Hysteria, with bitter belching. Repeated yawning, which lasted from a quarter to half an hour,[13].—Beginning of insanity; they sing, dance, and cry, without fever,[13].—[**10.**]

Ludicrous and lascivious hysteria in a woman of twenty-nine years; the patient had to be restrained by force,[13].—Visions of monsters or animals, that frightened him,[13].—Vision of different things not present, as faces, insects, ghosts, etc. The colors, red, yellow, and green, and particularly black, produce heavy mist before the eyes. Hallucinations, sees strangers in the room,[13].—Nervous crisis, *more intense* with women and girls,[13].—Feigned paroxysms; a girl simulating fainting and insensibility, looks sideways to watch the effect produced on those around her,[13].—Hysteria, with crossness,[13].—**Great taciturnity and irritability; desire to strike himself and others*,[13].—Excessive gayety (in a young girl, fifteen years old, nervo-lymphatic temperament, who commenced to menstruate). Laughing at the slightest cause,[13].—Fourteen days after taking the medicine, the happy mood reached the borders of mania; the disposition to joke and laugh was extreme,[13].—Joy and strong emotion, with trembling, when seeing beloved friends or persons,[13].—[**20.**] The fourth day of taking the medicine, the moral troubles were relieved; gayety and disposition to laugh,[13].—Very good disposition the whole day,[13].—Happy mood and gayety in the street, disappearing on coming indoors and replaced by a deep sadness,[13].—Better disposition and mood soon after taking the medicine; little inclination to be angry,[13].—**Desire to joke, to play, and to laugh; extreme gayety*,[13].—Lively and satisfied; disposition to joke,[13].—**Singing until becoming hoarse and exhausted*,[13].—The musical air called "Tarantella," charms and pleases the person; he keeps time with his head, trunk, and limbs,[13].—Music cheers up, amuses, and relieves; the prover perspires, and experiences a general bruised feeling, which disappeared with one dose of Zincum 200th,[13].—The patient laughs, dances, runs, and gesticulates, without noticing he is an object of astonishment,[13].—[**30.**] **Fits of nervous laughing*,[13].—Laughter, followed by crying, with trembling of the limbs,[13].—Laughter that nothing can stop, followed by screams,[13].—Stupid laughing, followed by hiccough and spasms,[13].—Lamentation, with oppressive pain in the heart, as if a misfortune had befallen her. The inferior extremities are cold, with cramps,[13].—Weeping, with oppression and pain in the heart, as from a misfortune; cold and cramps in the lower extremities,[13].—Crying and yawning, with a feeling of weakness at the pit of the stomach,[13].—Crying spells without cause,[13].—Crying and moaning by the least contradiction; consoling words aggravate,[13]—Crying and moaning during the night, and getting up from bed, with severe headache, and oppression in the cardiac region,[13].—[**40.**] Excessive grief, accompanied in the afternoon by thoughts of death,[13].—Grief without any cause,[13].—Deep grief and affliction, with general trouble, nausea, and dizziness, compelling to lie down,[13].—**Profound grief and anxiety;* general trouble, uneasiness, and nausea, with dizziness, compelling to lie down,[13].—Sadness, dejection, and discouragement; ceasing during the evening, when eating,[13].—Sad, cross, and need of lying down,[13].—Sadness, lamentation, as if a misfortune had befallen him; with necessity of changing position and moving,[13].—Sadness, silent, with heaviness on the head, and sleepiness; yawning with muscular debility and dulness; bad taste in the mouth and coated tongue,[13].—(The indifference, the disgust for everything, and sadness produced by this medicine, were present, particularly from morning until 3 P.M., with a marked aggravation after the middle of the day. From 3 P.M. until evening, the gay disposition returned again),[13].—(Sadness, grief, melancholy, and moral depression, are not only almost constant symptoms of the sting of Tarantula, but they have been also present, in a striking manner,

during the different provings of this medicine),[13].—[50.] Not satisfied, desire of crying, in the afternoon, as if there was a very deep grief,[13].—Profound melancholy; sadness, with tears. (Relieved by Pulsat. 1000th.) Then follows a ravenous appetite, longing for articles which were not relished before,[13].—Worried and greatly vexed, with much weeping, as if one could not realize something earnestly desired,[13]—Desire of lying down without any light, and without being spoken to,[13].—The patient presently becomes gloomy and morose, then falls into a state of moping, which can scarcely be dispelled,[11].—Fear, which could not be stopped, in a young lady; questioned about it, she tried to find a cause, and leaves others to think there is one; but really there was none,[13].—Fear and shaking; the patient cannot find a suitable place where to hide himself; thinks he is going to be assaulted,[13].—Fear of getting "typhus fever,"[13].—Impatience, restlessness, and cross; strong desire to go to business,[13].—**Cross, tendency to get angry and to speak abruptly; is obliged to move the limbs*, with tearing and pressing pains in the stomach, and in the left side of the chest; great thirst, with necessity of introducing his fingers into the mouth,[13].—[60.] Irritable and cross at the least contradiction,[13].—Great irritability, rage, fury, loss of reason, desire to strike himself and those who prevent it. Skin smarts after scratching. (Relieved by Rhus tox),[13].—Cross, with a good appetite,[13].—Change of temper, in a good-natured man, to the point of becoming intolerable; under the influence of sexual excitement he showed a better disposition and mood,[13].—Ennui, crossness, easily made angry, contrary to his habit and disposition,[13].—From the first there was an indescribable melancholy, anguish, and restlessness; peevishness, the attendants could do nothing to suit me; great haste in whatever I undertook, from a constant fear that something would happen to prevent my finishing it; I would start up suddenly, and hastily change my position, through fear that something would fall on me; when walking I would stop short or suddenly throw my head to one side, through fear of striking it against some imaginary object which appeared to be suspended a few inches above my head. Great fear of an imaginary impending calamity. Great desire to be alone, with fear of being alone, even during daylight. Frightful visions as soon as the eyes were closed, with inability to sleep,[16].—Changeable mood, passing suddenly from sadness to gayety; from fixed ideas to uneasiness of mind,[13].—Alternated sorrow and gayety, with return of strength. The good effect of music continues, followed by a copious perspiration,[13].—Indifference. In the evening indifference about what is going on around; no attention paid to conversation, even if it be most interesting; cannot think about what has been said,[13].—Indolence and muscular weakness; yawning and stretching; dark, sad thoughts, increasing until afternoon, when, after an agreeable emotion, they changed into an excessive joy, which lasted all the evening,[13].—***Intellectual.*** [70.] Dulness; the patient does not wish to answer the questions asked,[13].—Ennui, alternating with mirth,[13].—Weakness of memory; indolence for intellectual labor,[13].—Little intelligence and poor memory,[13].—Absence of mind, yawning and moaning, followed by cough,[13].—Afterwards he remembered hardly anything that had happened to him,[9].—Loss of memory, accompanied with good nature; changeable mind, tears, singing, and irresoluteness. (In a woman, twenty-six years old, who complained of violent sexual appetite),[13].—Complete loss of memory; she does not understand the questions addressed to her; she does not know the persons whom she sees every day; cannot say her prayers. Afterwards she is cheerful, followed by deep

sorrow; feels like crying, sobbing, palpitation of the heart, oppression at the chest, headache, burning heat, and general perspiration,[13].

Head.—Vertigo. Giddiness,[11].—Vertigo on walking,[13].—[**80.**] Vertigo after breakfast, with a bad taste in the mouth,[13].—Sudden vertigo, in the air, on coming downstairs; repeating several times,[13].—Transient vertigo during the night,[13].—Vertigo, preceded by gastric symptoms, aggravated by carrying anything heavy on the head,[13].—Vertigo, rush of blood to the head, which feels heavy; sickness at the stomach,[13].—Different kinds of vertigo, and so severe that it makes him fall down to the ground, without losing consciousness,[13].—Vertigo in the evening, with cloudiness of the head,[13]. — Vertigo, dizziness, malaise, belching, nausea, bloating of the stomach, gagging, and efforts to vomit, with vomiting of food,[13].—Dizziness, with severe pain in the cerebellum,[13].—Dizziness, accompanied with incomplete erection of the penis, and formication on the soft palate,[13].—[**90.**] Cloudiness of the head, with severe pain in the occiput,[13].—***General Head.*** Contortions and extraordinary movements of the head and hands, with rage and nervous agitation,[13].—Necessity of moving the head from right to left, and to rub it against some object, with crossness,[13].—Heaviness in the head, particularly in the evening,[13].—Great heaviness of the head, and when waking up in the morning, preventing somewhat the opening of the eyes, and at the same time, pyrosis,[13].—After some fever, heaviness of the head, lasting eight days,[13].—Weakness of the head,[4].—Headache, with giddiness, when fixing the sight on any object,[13].—Headache when waking up, which compels to lie down again; sensation as if a hammer was striking the head, and the blows resounding in the throat,[13].—Headache, with burning heat, and general perspiration; oppression at the chest, and palpitation of the heart; sadness and desire to cry,[13].—[**100.**] Headache in the evening, increasing when running,[13]. — When waking up in the morning, headache, as if it was knocked; with trembling, great sadness, cough, oppression of the chest, and prostration, until 9 o'clock, when the headache increased, affecting the throat and neck, with stiffness of the latter,[13].—Headache, similar to migraine, with impossibility to open the eyes, and tendency of the head to incline backwards,[13].—Headache when waking, as if the head was compressed with force,[13].—Headache during the night, with constant lancinating pains and whizzing in the ears, as if the blood was rushing into the head; after lying down he soon goes to sleep, but wakes up again with the same pains, which last all next day; a footbath in the night relieves him (thirtieth day),[13].—Pain in the whole head, more severe in the forehead, with heat and sweat, lasting all day, and an eruption of small pimples on the face and forehead (in an impubescent girl),[13].—Pains in the head and heart, with cough and nausea when waking up,[13].—Pain in the head and heart, with cough and nausea, in the morning when waking,[13].—Severe headache, with compressive pain in the heart; bitterness of the mouth, and thirst,[13].—Severe pain in the head, that go over the whole head to the temples and nose, where he experiences a sensation as preceding an epistaxis,[13].—[**110.**] Deep intense headache, with restlessness, compelling to move from one place to another; malaise and anguish, as if he was going to be dangerously ill. The pain flies to the forehead and to the occiput, with photophobia; a strong light compels to complain and to scream,[13]. — Severe headache, with fear of losing reason, great dryness of the tongue, extreme uneasiness and malaise,[13].—Excessive headache all over,[15].—Pressing and hammering pains in the whole head, particularly on the right side, extending to all that side of the face, with

anguish and sickness of the stomach,[13].—Headache, with a good deal of oppression, suffocation, palpitation of the heart, and prostration,[13].—Bruised and pressive pain in the head and chest,[13].—Pressive pain in the head, with a sensation as if the eyes were hopping or jumping,[13].—He wakes up with a pressive headache, the cause of which he assigns to the long dreams he has had,[13].—Compressive headache, lasting five hours,[13].—Compressive headache, towards evening,[13].—[**120.**] Compressive headache, with lachrymation and heaviness of the upper eyelids,[13].—Squeezing and lancinating pains in the head and uterus,[13].—Lancinating pains in the head, at night, near the right ear,[13].—On inclining the head downwards while sitting, slight and transient pain, as if produced by a very cold air,[13].—Headache, as if a large quantity of cold water was poured on the head; relieved by pressure,[13].—In the morning in bed, sensation as if cold water was poured from the head all over the body without any pain (forty-second day),[13].—Pain and heat in the head, on waking up, followed by alternation of cold and heat, with acute pain in the hepatic region,[13].—Headache, with burning heat, which extends to the face, and particularly the eyes,[13].—Headache, with burning heat in the abdomen, accompanied with sadness; indifference, and painful feeling at the dorsal and palmar surfaces of both hands,[13].—Great burning in the head; the hair troubles to the point of causing the desire to remove it; continually tossing of the head without finding a place where to rest it; the woman feels great impatience, uneasiness, restlessness, bad humor, oppressive breathing, and a desire to pull out her hair,[13].—[**130.**] Great burning in the head; the hair troubles to the point of causing the desire to remove it; continually tossing of the head without finding a place where to rest it; all these symptoms followed by great impatience, uneasiness, restlessness, bad humor, oppressive breathing, and desire to pull out her hair,[13].—Headache aggravated by the touch, which causes a very unpleasant sensation,[13].—Inclining the head forwards, aggravation of the frontal pain; if inclining backwards, aggravation of the pain in occiput; if sideways, aggravation in corresponding side of head,[13]. —***Forehead.*** Frontal headache, pain in the vertex and parietal bones, as if cold water was poured upon the head, with great noise internally,[13].—Headache, with pressure of the forehead; sickness at the stomach, and nausea during the night,[13].—Pain in the forehead and right side of head,[13]. —Pain and burning for a moment, in the forehead,[13].—From 3 P.M. until 7 P.M., pain in the forehead, particularly in the right side, worse by leaning downwards, and then a painful pressure, which extends to the eyes, is experienced (twenty-ninth day),[13].—Sharp pains in the forehead, with increase of heat,[13].—Pain in the forehead, with a pressive sensation in the bones of the nose,[13].—[**140.**] Constant pain in the forehead, sometimes with sensation of constriction of the nose,[13].—Lancinations in forehead and right temple,[13].—Stinging pain in forehead, and in the hypogastrium,[13].—Shooting and lancinating in the forehead and right temple,[13].—Shooting in the forehead, passing to the temples,[13].—***Temples.*** Pain in both temples, while coughing,[13].—Pain in right temple,[13].—Pain in the right temple and side of the head during the night, accompanied with a disagreeable sensation,[13].—Neuralgia in the temples,[13].—Neuralgia in the left temporal region after twenty-four hours of taking the medicine (a young girl of fifteen),[13]. —[**150.**] Lancinations in left temple,[13].—Lancinating, but transient pains in both temples,[13].—Lancination in both temples, during the night,[13].—In the evening, shooting in right temple,[13].—Shooting, during the night, in left temple,[13].—***Vertex and Parietals.*** Pain in the superior, posterior,

and lateral regions of the head, with a great deal of heat,[13].—Pain in the middle and superior part of the head, extending to the cheek-bones, with nausea, and desire to vomit,[13].—Heaviness of left side of head,[13].—Headache, particularly left side, affecting the left eye,[13].—Pain in the right side of the head (checked by Pulsatilla),[13].—[160.] Lancinations on the left side of the head,[13].—Lancinating pains in the left side, and in the right eye,[13].—Lancinations on the left side of head, in the morning, with itching of right ear,[13].—Severe shooting during the night, mainly on the left side of head,[13].—***Occiput.*** Pain extending to the posterior part of the head, with necessity of shutting the hands, which relieves,[13].—Headache in the occiput and temples, when coughing, as if striking with a hammer,[13].—Pain in the occiput, as if striking it with a hammer, extending to the temples,[13].—Intense pain in the occiput, with burning thirst,[13].—Pain in the occipital region, as if a nail was driven in,[13].—Compressive pains in the posterior part of the head, extending towards the neck (relieved by Aconite),[13].

Eye.—Objective. [170.] Blue circle around the eyes, with a sad countenance,[13].—Blue circle around the eyes, with a pale face,[13].—Redness of the sclerotica, particularly at the internal canthus, with sensation as of a foreign body, as dust or sand,[13].—Inflammation of the eyes, the conjunctiva much injected; *right pupil much dilated*, the left one contracted; this symptom was noticeable for several days; complete loss of vision in the right eye until the dilated pupil contracted; objects seen with the left eye appeared bright red,[16].—Eyes glaring, red,[15].—***Subjective.*** Heaviness of the right eye, in the night,[13].—Heaviness of the left eye,[13].—Pain in the eyes and sockets, as produced by a spark, with burning heat,[13].—Pain in the eyes and temples, in the morning,[13].—Pain in the right eye,[13].—[180.] Pain in the left eye, as if cold water was poured into it,[13].—Pain as of something striking the interior of the eyes and their sockets; feels as if a splinter was introduced, with sensation as if the eyes were full of sand,[13].—Pain in the right eye, in the evening, with impaired vision; appearance of small stars before the eyes,[13].—Burning pain in the eyes, particularly at night; agglutination of the lids, in the morning (one hundredth day, in a person who never suffered before from the eyes),[13].—Shooting, lancinating pain in the right eye, in the morning,[13].—Shooting, lancinating pains in the left eye, in the evening,[13].—In the night, shooting, lancinating pains in the left eye, extending to the left parietal bone; relieved by pressure,[13].—Stinging pain in the eyes on waking, as if pricked with pins; the sight is weak and the eyes tired, as with presbyopic persons; feeling as though an eyelash was in the left eye, causing him to rub it,[13].—Light irritates and tires the eyes; company and conversation annoys him,[13].—Itching of the eyes and very thick tears,[13].—***Brow and Orbit.*** [190.] About 1 P.M., shooting, lancinating pains under the right eyebrow and right temple, with sensation as if cold water was poured on. These symptoms flew around from temples to eyes, or to sides of head, or from there to forehead or root of the nose, and *vice versa;* sometimes when the pain affected the forehead or sides of the head, it was not of a lancinating or shooting character, but there was a sensation of great internal noise,[13].—Shooting in the right eyebrow, in the night,[13].—Pulsating throbbing under the right orbit,[13].—***Lids.*** Involuntary movements (twitching) of right upper eyelid, lasting several minutes,[13].—Eyelids agglutinated on waking,[13].—A pimple on the right upper eyelid, changing into a small herpes; when touched, pain in the eye under the eyebrow. The herpes increased, and continued to produce the

same pain when touched,[13].—Itching of the edges of eyelids, increased by rubbing,[13].—Itching of the eyelids and external canthus, particularly of the right eye,[13].—Itching of the eyelids, with bluish circles under the eyes, and a sad countenance,[13].—Itching of the eyelids, with a sensation of roughness; hoarseness in the larynx and trachea; indifference,[13].—***Lachrymation.*** [**200.**] Lachrymation,[13].—Lachrymation, with sensation as if sand was under the eyelids; slight coryza, dry cough, hoarseness, happy mood, and poor memory,[13].—***Vision.*** Weakness of sight to distinguish objects; the same in the open air, sunlight, or shade (in a young girl who had always been shortsighted),[13].—Dimness of sight (from 7 A.M. until 10 A.M.),[13].—He thinks, in the evening, that he does not see well with his right eye when looking attentively at an object,[13].—Obscuration of sight, as if a cobweb was passing before the eyes,[13].—Obscuration of vision, as if there was a veil before the eyes, increasing in the sunlight,[13].—Photophobia, compelling him to complain and scream, during a deep and intense headache,[13].—Photophobia, with vision of ghosts, faces, and different things, and sometimes flashes of light before the eyes,[13].

Ear.—External. Profuse mucous secretion from right ear,[13].—[**210.**] Pain at the entrance of external meatus, worse by touching, and producing the same sensation as if a nail were driven through the head,[13].—Violent pain at the entrance of external meatus, increased by the slightest touch, which produces a general shaking,[13].—Stinging pain in the right external meatus,[13].—***Internal.*** When getting up in the morning, a snap in the right ear, followed by a thick and brownish discharge,[13].—A snapping or cracking in the right ear, with pain and hiccough,[13].—In the evening, snapping and noise in the affected ear, hearing a little with it,[13].—Dull pain in the right ear, with increased secretion of ear-wax,[13].—In the morning, severe pain in the right ear, temple, and teeth, with burning in the right external ear, lasting until evening. The pain was worse by spells, locating itself at last in the right temple; the right cheek was somewhat swollen, with sensation of formication, and worse by touching. General broken down or bruised sensation,[13].—Severe pain at intervals in the ears; a deep and dull pain during the remission,[13].—Pain in the right ear, lasting all day; increasing in the afternoon, and during belching; towards evening the pain ceases, when running,[13].—[**220.**] Lacerating or tearing pain in the right ear,[13].—Stinging shooting pain in the internal ears and Eustachian tubes,[13].—Lancinating pains under the left ear,[13].—Lancinating pains in the left ear, early in the morning,[13].—Lancinating pain on one side of right ear,[13].—Tearing pain in the right ear, with heat; sometimes a buzzing sound, ringing of bells in others. Impaired hearing,[13].—Pricking in the right ear,[13].—In the evening, pricking in the right ear,[13].—***Hearing.*** Deafness of both ears for eight days, with buzzing, wheezing, and vertigo,[13].—Noise in both ears,[13].—[**230.**] Noise in the ears, particularly in the right one, in bed, and increasing when waking,[13].—Noise in both ears, with a serous discharge from the right one,[13].—The noise in the ears lessened after a severe headache, caused by a momentary congestion,[13].—Noise in right ear, with a mucous discharge from it,[13].—Noise in the right ear, as a clear ringing sound of bells, when waking up; vanishing after getting up,[13].—Roaring rumbling in the ears, with dulness of hearing,[16].—When a snapping or cracking is felt, the hearing is improved,[13].

Nose.—Sneezing and coryza,[13].—Coryza of the right nostril, and shooting sensation, radiating to the top of the head,[13].—Slight epistaxis,[13].—[**240.**] While washing the face, some drops of blood from the left nostril,[13].

—Profuse hæmorrhage from the nose, the amount of blood lost measuring over one pint; the blood discharged was almost black, each drop coagulated, and sank at once, like a bullet, to the bottom of a vessel partly filled with water, and formed a large black clot (third day),[16].—Sensation of constriction in the nose,[13].—Two hours after taking the medicine in the morning, great itching in the left nostril and frequent sneezing, as after taking snuff,[13].

Face.—Countenance expressive of terror,[10].—Face pale, earthy color, in strong contrast with the nearly purple neck,[16].—Bruised pains in the bones of the face,[13].—(Cancer on the cheek, lower lip, or nose, in the beginning?),[13].—Flushed cheeks, with burning heat in the head; burning heat and sweat in the palms of the hands,[13].—Burning, scorching sensation in the lips, as after a fever,[13].—[**250.**] Pains in the right or left angle of the inferior maxilla, and so severe as to think he is going crazy,[13].—Pain in the direction of the right inferior maxillary nerve, with a tickling sensation in the stomach, dizziness, vanishing of sight, and buzzing in the ears, of short duration,[13].—Pain in the inferior maxilla, as if all the teeth were going to fall out; neither cold or heat relieves,[13].

Mouth.—Teeth. Toothache, with sensation of formication, as if an insect were running in them,[13].—Pain in the teeth, with hiccough, without being carious,[13].—Pain in all the teeth, as if they were loose, and momentary sensation as if an electric spark passed through them; at the same time constrictive pain in the nose, with throbbing in the eyes and orbits,[13]. —In the evening, pain in the teeth and right cheek, as after a very cold sensation or impression,[13].—Dull pain in all the teeth, with smarting in the mucous membrane of the buccal cavity,[13].—Tearing pain in all the teeth, as if they were pulled, with burning heat and perspiration, which falls in drops from the face,[13].—Tearing pain in the upper teeth, as if pulled; more intense in the right side,[13].—[**260.**] Slight pain in all the left upper teeth when coming in contact with the air, in the morning (in a girl 24 years old, of a nervous constitution),[13].—Slight pain in the roots of the incisors and molars, increasing when coming in contact with each other; gastric symptoms,[13].—Slight pulsating pains in the right superior canine during the night,[13].—Pulsating toothache, causing involuntary distortions of the countenance,[13].—Convulsive throbbing pain in all the teeth, with weeping and sadness,[13].—***Gum.*** The gum of the incisors and first molars continually bleeds,[13].—***Tongue.*** (Cancer of the tongue, in the beginning, with or without fetid breath?),[13].—Very painful aphthæ on the tongue,[13].—A spot or patch at the base of the tongue, a kind of aphthous ulcer the size of a lentil,[13].—A patch on the tongue near the uvula; a kind of small aphthous ulceration, with a fetid breath,[13].—[**270.**] Tongue coated dark brown, edges and tip fiery red,[16].—Tongue moist,[10].—Dryness and roughness of the tongue from the evening until breakfasttime the next morning,[13].—The patient said her tongue was drawn backward, so that on attempting to speak she could not utter a word,[2].—***General Mouth.*** A white patch on the palate, with a tendency to enlarge,[13].—A patch of a suspicious, cancerous nature, in the mouth and on the fauces,[13].—Dryness and bitterness of the mouth, with great thirst,[13].—**Great dryness of the mouth and teeth*, as if they had never been moist,[13].—Slight constriction in the posterior palatine arch, with some pain when swallowing,[13].—A sensation in the mouth, tongue, and palate, similar to the taste of cream of tartar; and in the throat, as if drops of cold water were constantly falling down,[13].—[**280.**] Excoriating pain in the palate since morning, particularly when eating,[13].—The palate

feels as if scalded, and as if the epithelium was removed,[13].—The same preceding symptom in the mouth and throat, with burning and smarting, and, at the same time, pain in the sacral region and left half of the scrotum,[13]. —***Taste.*** Very bad taste in the mouth all day; feeling of dryness of the tongue, though it was moist,[13].—Flat taste,[13].—Sour and flat taste in the mouth, in the morning; food has a sour, salty, and piquant taste,[13].—Bitterness in the mouth and thirst, with pressive pain in the præcordial region, and severe headache,[13].

Throat.—Sore throat when swallowing, at the same time shooting in left eye,[13].—Sore throat on right side, when coughing, during the whole day,[13].—Sore throat when coughing, with slight redness of the mucous membrane,[13].—[**290.**] Pain in the throat when talking, yawning, coughing, and swallowing,[13].—Slight itching in the throat, with a dry cough,[13].—Painful constriction of the throat when swallowing, with aggravation of the mouth symptoms, when smoking,[13].—Sensation on swallowing of constriction in the throat,[13].—Sensation in the throat as if cold water was constantly dropping down; also a taste of cream of tartar in the mouth, tongue, and palate,[13].—Severe throbbing sore throat, as if striking on it,[13]. —***Tonsil.*** Painful swelling of right tonsil, not interfering with deglutition,[13].—Painful constriction in the right tonsil, extending to the ear, and aggravated by swallowing,[13].—Pressing pain in the tonsils, with yawning; necessity of stretching, with cutting pain in the left lung and heart,[13].—Pain in the tonsils and throat, with great heat, uneasiness, and movements of the head,[13].—[**300.**] Painful shooting in the right tonsil, radiating through the cerebrum and left side of head,[13].—***Fauces.*** Fauces inflamed, swollen, purplish hue; deglutition very difficult, as if from partial paralysis; on attempting to swallow, was obliged to make several unsuccessful efforts,[16].—***Swallowing.*** Painful swallowing,[15].—***External Throat.*** Throat commenced to swell externally (after eight hours),[15].—The finger became somewhat inflamed, with intolerable burning and itching in the vicinity of the scratch (after twenty-four hours); the symptoms continued to increase from this time, and on the third day they became fully developed; slight enlargement of the axillary glands, which were sensitive to touch; submaxillary and cervical glands much swollen and very sensitive, the least pressure causing intense pain; the neck was swollen anteriorly in a line from the chin to the sternum, and posteriorly in a line from the occipital protuberance to the scapulæ, dark red, nearly purple. I can convey no better idea of the rapidity with which the swelling progressed than by mentioning that on the morning of the third day after inoculation, I had on a fourteen and a half inch collar, my usual size; at 10 A.M. I replaced it with one an inch larger; at 12 M. I again changed for one still an inch larger, which I was obliged to remove at 3 P.M., as the neck was so swollen that I was in danger of choking; the swelling continued to increase until evening, when it was much relieved by a profuse hæmorrhage from the nose,[16].—Swelling of one of the cervical glands of left side of neck, painful when coughing, and lasting the whole night,[13].—Constant dull throbbing pain in the cervical and submaxillary glands, with occasional sharp stinging pains,[16].

Stomach.—Appetite and Thirst. Appetite soon satisfied, with great thirst,[13].—Ravenous appetite, at night,[13].—Some appetite, but indigestion and bilious symptoms after grief or a difficulty with somebody,[13].—[**310.**] Loss of appetite (after three hours),[2 16].—Loss of appetite, craving for raw articles, disgust for meat, and general wasting away,[13].—Loss of

appetite, with general prostration and intense thirst, followed by vomiting after eating,[13].—Loss of appetite and great thirst, but he dare not drink, being afraid of getting sick,[13].—Loss of appetite, disgust for meat, and great thirst,[13].—Loss of appetite; aversion to food; great thirst, with fear to drink,[13].—Loss of appetite, with slight pain in the stomach, heaviness of the head, sleepiness, and tendency to vomit after eating,[13].—Entire loss of appetite at breakfast, with intense thirst; this symptom lasted all through the proving,[13].—Entire loss of appetite; disgust for all kinds of food, even for bread; lacerating pain in the stomach, and painful flatulence in the abdomen, before and after eating,[13].—Thirst, loss of appetite, disgust for roasted meats, progressive debility, and prostration,[13].—[**320.**] Constant thirst; indescribable malaise,[13].—*Great thirst (after three hours),[2].—Constant thirst; malaise; desire for raw articles,[13].—He is obliged to eat, with intense thirst,[13].—Intense burning thirst; constant desire for large quantities of cold water,[11].—Inextinguishable thirst,[13].—Great thirst, with dryness of the mouth,[13].—***Eructations.*** Bitter eructations,[13].—***Hiccough.*** Hiccough, with toothache, without being carious,[13].—Hiccough, at 2 P.M.; sensation of pain and snapping in the right ear, as if scratching it with force,[13].—[**330.**] Hiccough for half an hour after breakfast, followed by slight griping pains in the abdomen, urging to stool, and a soft passage three and a half hours afterwards,[13].—Pyrosis, when waking in the morning, with great heat and heaviness of the head, almost preventing the opening of the eyes,[13].—***Nausea and Vomiting.*** Nausea and dizziness, with pain in the upper part of the head, extending to the malar bones,[13].—Nausea and dizziness, compelling to lie down, with great sadness and sickness of the stomach,[13].—*Nausea and vomiting, sometimes after getting into bed,[13].—Nausea and vomiting of acid substances, while dressing, followed by great heat in the abdomen, particularly in the epigastrium (in a girl who menstruated for the first time the day previous),[13].—Vomiting after eating, followed by vertigo and pain in the umbilical region; the vertigo is worse by carrying some weight on the head,[13].—Vomiting, with incessant paroxysms of coughing and expectoration of a very little mucus,[13].—Vomiting of everything taken into the stomach soon after eating, preceded by intense burning pains in the stomach and œsophagus, which vomiting relieved,[16].—***Stomach.*** Muscular contractions of the epigastrium, with uneasiness and need of moving,[13].—[**340.**] Heaviness in the stomach, during the night, with a profuse secretion of watery saliva,[13].—Weakness and faint feeling in the stomach, with nausea and frontal headache, in the night,[13].—Anguish; uneasy feeling at the stomach, with hammering pressive pains in the head, particularly in right side, and extending to the same side of the face,[13].—Anguish and anxiety felt at the pit of the stomach, causing sadness, with fear of a misfortune, lasting some seconds or minutes, repeating itself about twelve times in the same day, being a great deal worse on resting after an active exercise (forty-fifth to one hundredth day),[13].—Anguish at the pit of the stomach, and great malaise, repeatedly during fifty days,[13].—Distressed feeling in the stomach, with flatulence, in the morning,[13].—Painful distress in the stomach, as after being a long time without food,[13].—Painful distress and faint feeling in the stomach, in the morning, aggravated by pressure and change of position, extending upwards and downwards, with nausea; flat or sweetish taste in the mouth,[13].—Feeling of disrelish and uneasiness in the stomach, as after indigestion,[13].—Feeling of disrelish in the stomach, at 9 A.M., continuing till 11 A.M., with languor, malaise, borborygmus, profuse salivation, and sensibility of the

gums, even when chewing soft food,[13].—[**350.**] Painful oppression in the epigastrium and the base of the chest, with difficulty of breathing; he is compelled to bend double, without being able to make any movements,[13].—Before and after dinner, sensation as if some light body was ascending from the stomach to the chest,[13].—A slight pain in the stomach, preventing sleep, and causing bilious vomiting,[13].—Slight pain in the stomach, extending to the left side, at 8 P.M.,[13].—Pain in the stomach from pressure; some appetite,[13].—Pain in the stomach, as if stretched,[13].—Pain in the stomach, with loss of appetite for all kinds of food; even those he used to relish best have a bad taste,[13].—In the morning, pain in the stomach after eating anything,[13].—In the afternoon, one hour after eating, dull pain in the stomach, lasting half an hour, and repeatedly the following days, though not lasting so long,[13].—Pain in the stomach, with heaviness in the head, great sleepiness, loss of appetite; tendency to vomit after eating,[13].—[**360.**] Pain in the stomach and abdomen; however, he feels like playing and joking,[13].—Pains in the epigastrium and abdomen; cannot say what kind of pain it is,[13].—Pain in the stomach, increased by pressure, and extending to the face, teeth, ears, and temples,[13].—Pain in the stomach and uterus, with sticking pain in the spleen,[13].—Pain in the stomach, as if it was packed full, with trembling of the legs and pain in the abdomen, extending to both sides and to the groins,[13].—Pain in the stomach all night or when waking; crying; stinging-lancinating pains in the spleen; great thirst; disgust for chocolate, and aggravation by drinking cold water (relieved by Sulphur 200th),[13].—Pain in the stomach, as if torn to pieces, followed by pains in the abdomen, and pressive burning pains in the uterus, sacrum, and hips,[13].—Pain and heaviness in the stomach four days before menstruation, and the same day it ought to appear,[13].—Pain in left side of stomach, with pressure in the chest and dyspnœa,[13].—Pain in the pit of the stomach, as if that part was strongly squeezed by a band,[13].—[**370.**] Pain in the stomach, as if it was torn, with heat, colic, and vomiting of food,[13].—Tearing pain in the stomach, with dissatisfaction and sadness,[13].—Tearing pain in the stomach and abdomen, as if caused by flatulence, before and after eating; loss of appetite and disgust for food,[13].—Tearing pain in the stomach, with pressure in the left side of chest, with great thirst, desire of moving, and uneasiness of the limbs,[13].—Tearing pain in the stomach for several hours, with lancinations in the spleen or in the left subclavian region; shooting pains in the heart at intervals, palpitation, and slight murmur (bruit de souffle),[13].—Tearing and burning pains in the stomach, lancinations in the spleen, and pressive pain in the chest and heart, lasting for several hours,[13].—Cramps in the stomach,[13].—Gastralgia, at night, with great restlessness,[13].—Gastralgia, in the evening, aggravated by pressure, lasting two days,[13].—Slight tickling sensation in the stomach, with pain in the shoulder articulation, as if the ligaments were relaxed,[13].—[**380.**] The patient complained of great heat in his inside and of a burning thirst; he begged earnestly for some water to quench, as he expressed it, the fire which was consuming him,[10].—Gastric symptoms, with slight pains in the roots of the teeth, particularly when touching each other. (Many symptoms of the digestive symptom are peculiar, on account of the sympathetic pains which accompany them, or arise on the sides of the head, face, ears, teeth, and malar bones; these pains are of a neuralgic or congestive character),[13].

Abdomen.—Hypochondria. Swelling of the hypochondriac regions, with general weakness; difficult digestion,[13].—Swelling of the hepatic region and of all the abdomen, with paleness and a yellow tinge of the

skin,[13].—Gas in the hypochondriac regions; loss of appetite; constipation; pain in the limbs; manifest impossibility to digest, with fear of eating,[13].—Pain in one or the other hypochondrium, worse from breathing heavily, when running, and eating,[13].—Pain in the hypochondriac regions, in the morning while in bed, renewed several times after getting up,[13].—Pain in the hypochondriac regions, as with some women before menstruation, from 3 to 5 P.M., frequently occurring till the appearance of the catamenia, but the pain diminished during menstruation, although the medicine was continued,[13].—Acute pain in the hypochondrium and umbilical region,[13].—Pain in both hypochondria, repeating several days,[13].—[**390.**] Constrictive pains in both hypochondriac regions,[13].—* *The hepatic region is painful to touch;* pain in the middle of the right side of the back; difficult digestion, increasing every day, and extreme languor,[13].—Acute pain in the hepatic region, with alternation of heat and cold,[13].—Cramplike pain in the liver, with necessity of stretching,[13].—Pain in the right hypochondrium; lancinations in the epigastrium, with painful malaise,[13].—Shooting and lancinating in the right hypochondrium, in the morning,[13].—Pain in the left hypochondriac region, back, and arm of the same side,[13].—Lancinating pain in the spleen, with pain in the stomach and uterus,[13].—Pain in the left hypochondrium, and in the shoulder and arm of the same side,[13].—***Umbilicus and Sides.*** Pain in the umbilical region, with a sensation of anguish,[13].—[**400.**] Sharp acute pain in the umbilical region, with pain in the calves, preventing free movements when walking.[13].—Stinging and pain, as if ulcerated, at the left of the umbilicus, circumscribed and very severe, lasting only five minutes,[13].—Pain in the right side of abdomen,[13].—Frequent shooting pain in both sides of abdomen, from 8 P.M. till 11½ P.M.,[13].—***General Abdomen.*** Bloating of the abdomen, increasing after eating, to the point of feeling the dress very uncomfortable,[13].—Bloating of the abdomen, with gastric symptoms,[13].—Infiltration of the parietes of the abdomen,[13].—Great rumbling, produced by gas, in the abdomen and uterus,[13].—Rumbling in the abdomen and pain in both sides of abdomen, particularly in the left, and at the time menstruation ought to appear,[13].—Borborygmus, with colic, crying, and moaning, relieved by pressing with both hands on the abdomen and sides of the chest,[13].—[**410.**] Much borborygmus, obliging to move the legs, with restlessness of the body,[13].—Some pains and borborygmus in both hypochondria, about 3 P.M.,[13].—A sensation of weakness in the abdomen, as if he was going to faint, in the evening, relieved by sitting down,[13].—Pain in the abdomen, with a sensation of anguish,[13].—Painful sensation in the abdomen, with anguish, towards evening,[13].—Pain in the middle of the abdomen, increasing by pressure and riding on horseback; general heat; the pain lasts from 8½ P.M. until 2 P.M., and is followed by smarting in the anus, burning in the urethra, forearms, and legs,[13].—Pain in the abdomen, as from colic, followed by vomiting of food,[13].—Pains in the whole abdomen when at stool,[13].—Pain in the abdomen, relieved by bending double,[13].—Pain in the abdomen when walking, relieved by pressure, by standing still, and bending double,[13].—[**420.**] Pain in the abdomen, with a very disagreeable sensation, which he could not explain,[13].—Pain in the abdomen, as in nervous colic affecting the uterus,[13].—Pains in the abdomen, extending to the chest, where they become very severe, with rumbling of gases in the bowels, forming elevations in different parts of the walls of the abdomen, followed by fatigue, lassitude, oppression, and crampy pains in the lower extremities, particularly the thighs,[13].—Pain in the abdomen, like colic, with bloating, dryness of

the mouth, tongue, and throat,[13].—Violent pain in the intestines, with numbness and bloating,[13].—Violent and burning pain in the abdomen and uterus; the latter feels as if it was going to drop when walking,[13].—Meteorism,[13].—In the morning, griping pains in the abdomen,[13].—Griping and cramplike pains in the abdomen when coughing,[13].—Dull colicky pains, drawing, tenacious, as if coming from the kidneys, compelling to stretch, and relieved after urinating,[13].—[**430.**] Colic, with swelling of the abdomen, pain in the right groin, desire to urinate, profuse and liquid micturition, giving to the analysis a considerable quantity of sugar,[13].—Intense colicky pains (after two hours), soon followed by fever, then fatal symptoms,[5].—Colicky pains, running over the whole abdomen, with a great deal of flatus, which cannot be expelled,[13].—In the morning, colicky pains, with a sensation as if a very light body was ascending from the stomach to the chest,[13].—The colic and borborygmus increased every evening (relieved by Acon.),[13].—Violent colic, awakening him, with oppression and much borborygmus,[13].—Colic, changing the mood into an agreeable one,[13].—Stinging-cutting pain, as if from colic, around the umbilicus,[13].—Shooting pains in the abdomen, anus, and vagina; shooting pain in the left side of the abdomen,[13].—Frequent shooting pains in the abdomen, in the evening (twenty-fifth day),[13].—[**440.**] When walking, a sensation as if the intestines were not well attached and were going to fall down with the least movement; however, movement does not aggravate or relieve the sensation,[13].—Burning heat in the anterior part of the abdomen, more intense in the umbilical region,[13].—Burning heat in the anterior part of the abdomen, with headache, indifference, sadness, and painful sensation in the dorsal and palmar surfaces of both hands,[13].—Muscular throbbing in the abdomen, with general trembling and sadness, as if having committed a great fault,[13].—***Hypogastrium and Iliac Region.*** Fibrous tumor in the hypogastrium, compressing the genital organs, causing different derangements and uterine discharges,[13].—Fibrous tumor in the lower abdomen, with discharge of a pale blood from the uterus; weakness, oppression, palpitation of the heart; impossibility to stand or to lie down; the patient can only rest when sitting on her bed,[13].—Pain in the hypogastrium, in left side of abdomen, and in the pubis,[13].—Pain in the hypogastrium, followed immediately by liquid stools,[13].—Pains in the hypogastrium, hips, and uterus, as if these parts were compressed; at the same time, unconquerable sleepiness,[13].—Pain in the lower abdomen, even to touch; it seems as if the uterus was the seat of the pain, but it is in the bladder,[13].—[**450.**] Pain in the lower part of abdomen,[13].—Burning pain in the hypogastrium and uterus, with sensation of great weight, interfering with walking, as in prolapsus, and causing pruritus at the vulva. (These pains were relieved by the olfaction of Moschus; the hysteralgia, with colic and borborygmus, by Magn. carb.; the crampy and expulsive pains from the sacrum to the uterus, as in abortion, by Cuprum; the incontinence of urine, brought on by the least movement, laughing, coughing, etc., and even without these circumstances, by Chelidonium),[13].—Shooting pain in lower part of abdomen and in the scapula,[13].—Shooting pain in the pubis, extending or radiating to the anus,[13].—Shooting pain in the left groin,[13].—Tearing pain in the groins, as if caused by a rupture, worse when coughing; is obliged to hold the groins with the hands,[13].—Pain in the groins, with a relaxed sensation,[13].—Pain in the groins, particularly the right, as from a rupture,[13].—The pains in the groins, simulating a rupture, are aggravated by cold water,[13].

Rectum and Anus.—Pain and burning in the anus after stool,[13].—[460.] Repeated shooting in the anus,[13].—Violent efforts to have a passage; hard stool with blood; pain and smarting in the anus,[13].—Unsuccessful efforts to stool; tenesmus, followed by three scanty passages,[13].—Tenesmus and colic; pressure in the abdomen and uterus,[13].

Stool.—Diarrhœa. Profuse diarrhœa with prostration,[13].—Profuse diarrhœa, with great prostration, sadness, complete indifference, and little inclination to speak; the diarrhœa lasted from two to three days,[13].—Stools three or four times daily, very dark, fetid, partly formed, containing much mucus, expelled with difficulty, and followed by smarting and burning at the anus, but no tenesmus; stools always occurred immediately on having the head washed,[16].—Liquid passages,[13].—Bloody stool, followed by pain and smarting in the anus,[13].—***Constipation.*** **Constipation*,[13].—[470.] Constipation, with a difficult passage; burning pain after passing some blood,[13].—Constipation, with involuntary emission of urine when coughing, laughing, or making any bodily effort whatever,[13].

Urinary Organs.—Kidneys. Weakness in the region of the kidneys, preventing standing; hollowness of head; prostration; forgetfulness,[13].—Indescribable derangement in the kidneys, bladder, and genital parts, ceasing after the passage of a brown fetid urine mixed with small calculus,[13].—Pain in the kidneys, caused by vesical calculus, with desire to urinate, which cannot be satisfied,[13].—Pain in the kidneys; the bladder seems swollen and hard; difficult urination; emission by drops, with burning,[13].—Pain in the kidneys; renal colic, ceasing after urinating,[13].—Dull pain in the kidneys; the legs give way suddenly, and feel as if detached from the body,[13].—Pain in the kidneys, with a debilitating sensation; pain in the legs, necessitating sitting down,[13].—Pain in the region of the kidneys,[13].—[480.] Pain in the kidneys all the day,[13].—Pain in the kidneys and hips, in the evening,[13].—Pain in the kidneys, with a very disagreeable sensation, during the forenoon,[13].—The kidneys are painful, even to touch, with sensation of soreness, debility, prostration, and dulness,[13].—Intermittent pain in the left kidney, in the morning,[13].—Shooting in the right kidney,[13].—Shooting pain in the kidneys late at night,[13].—Shooting in the right kidney, in the night while in bed,[13].—Shooting and gnawing pains in the kidneys (sixteenth day), renewed every twenty-four hours for fifty-six days; these pains lasted sometimes one or two hours, but generally a quarter or half an hour, particularly in the afternoon and night,[13].—Sticking pain in the kidneys; general debility without any apparent cause (the appetite and digestion normal); the strength gives way suddenly,[13].—[490.] Trouble in the kidneys without any appreciable cause,[13].—***Bladder.*** Cystitis,[13].—Swelling of the bladder, reacting on the uterus, as if this organ was violently displaced; general debility, particularly of the legs, when walking; yellow complexion,[13].—Inflammation of the bladder, violent fever, excruciating pains, together with gastric derangement,[13].—The bladder seems to acquire an enormous development; difficult passage of a dark-red urine, with a gravel-like sediment,[13].—Feels the bladder as if squeezed; spasmodic action of this organ, debilitating the patient, and pains in the thigh, relieved by rubbing,[13].—Pains in the bladder and impossibility to pass the urine; hæmaturia,[13].—Pain in the bladder, extending to the uterus, and causing derangement in that organ,[13].—Severe pains in the bladder, with distension; cannot walk, but does not suffer much,[13].—***Urethra.*** Burning in the urethra, during and after micturition; indifference, alternating with happy mood,[13].—[500.] Tearing pain in the urethra after urinating,

but when the pain ceases, the desire to urinate returns,[13].—*Diabetes*,[13].—***Micturition and Urine.*** Profuse micturition,[13].—Profuse micturition, sweating, weakness of the legs, and emaciation,[13].—Profuse micturition, fatigue of the body, and weakness,[13].—*Involuntary emission of urine when coughing, laughing, and making any effort whatever; constipation,[13]. —Incontinence of urine when coughing, and during any movement requiring some effort, with bowels regular, for eight days,[13].—Urine scanty, high-colored, and passed with such difficulty that on several occasions it seemed that I must resort to a catheter; the urine, after standing, showed a dense precipitate,[16].

Sexual Organs.—Male. Painfulness of the genitals; testicles relaxed and painful to touch; pain in the groins and stricture of the urethra,[13]. —Swelling of the penis, with pain in the groins, fatigue, weakness of the legs, and stricture of the urethra,[13].—[**510.**] Erections, with sexual appetite,[13].—Erection when awake, without erotism, only ceasing when violently exercising the whole body,[13].—Erection without erotism,[13].—Erections, disappearing easily when moving or fixing the attention on any other object,[13]. —Incomplete erection, with dizziness and formication,[13].—After taking the medicine for eight days, an indolent tumor, the size of a filbert, was developed in each testicle,[13].—Heaviness and pain in the testicles; considerable swelling of the right one; is obliged to stay in bed; sexual excitement; seminal emissions,[13].—After having felt, when taking the medicine, a slight pain and swelling of the spermatic cord and right testicle, the latter became as large as a lemon, with adhesion to the scrotum in some parts; uneasiness and restlessness, with aggravation in the night and when moving,[13].—About the second day, increased pain in the spermatic cord, with heaviness of the left testicle, and great sleeplessness without cause (better by riding in a carriage),[13].—Drawing-pulling sensation in the left spermatic cord, with borborygmus and constant expulsion of gas, for six minutes,[13].—[**520.**] During the emission of semen, a sensation of heat is felt in its passage, and it is of a rose color, due to some blood mixed with it,[13].—Increased sexual appetite, though moderate,[13].—Sexual excitement, and continued seminal emissions on account of onanism, followed by imbecility, stupid laughter, and progressive wasting away,[13].—Excitement of the sexual appetite,[13].—Constant sexual excitement, which nothing can control; sufferings of the prostate, debilitating sweats, unconquerable sadness, and stupidity; erotism,[13].—Constant sexual excitement in a virtuous man, followed by hypochondriasis and unhappy mood,[13].—Lasciviousness in a man thirty-five years old, reaching almost to insanity,[13].—Lasciviousness in a man forty years old; constant sexual excitement at the sight of obscene objects; onanism, followed by prostatic sufferings,[13].—Difficult coition, with little pleasure,[13].—Difficult coition, followed by fatigue and cough,[13].—***Female.*** [**530.**] Swelling and induration of the uterus, which is the seat of contractions; constant desire to urinate; pain in the kidneys and legs, and impossibility to walk,[13].—Swelling of the uterus, with burning and smarting pains,[13].—*Swelling and induration of the uterus, with difficulty of walking,[13].—The uterus is hardened and seems deranged by the bladder, which feels as if filled, with constant desire to urinate,[13].—The uterus is hard, distended, and seems to contain a foreign body,[13].—Discharge of blood from the uterus, alternating with leucorrhœa, which weakens considerably the patient,[13].—Discharge of a pale blood; weakness; gastric malaise; ecchymotic spots on the fleshy parts, varying in size from one to four inches in diameter,[13].—Loss of blood, followed by leucorrhœa; pain in the groins,

kidneys, and thighs, and difficult digestion,[13].—Uterine discharges, with pain in the groins,[13].—Expulsion of gas through the vagina, proceeding from the uterus,[13].—[**540.**] Uterine symptoms, resulting in unconsciousness of existence, with stupid laughter, staring look, and immobility,[13].—Uterine symptoms in a young lady of twenty-eight years; excessive, immoderate laughter; nervous movements, followed by insanity (under the influence of an unfortunate love),[13].—Repetition of hysteralgia, with pains like colic and borborygmus (relieved by Magn. carb.),[13].—Hysteric pains, with much borborygmus and sensitiveness of the uterus, lasting three days, and ending with the expulsion of gases,[13].—Unbearable spasmodic pains in the uterus, particularly when trying to walk; gastric derangement, vomiting, and anguish,[13].—Unbearable contractions of the uterus, seeming to take such a development that there is not sufficient space for it, and pushes violently the intestines,[13].—Excruciating pains in the uterus; desire to vomit, and vomiting of food taken in small quantities; nervous trembling, changing into a nervous crisis, followed by complete prostration,[13].—Pains in the uterus and abdomen, which is very swollen; the pains are those that precede an abortion; great dejection and prostration,[13].—Pain in the uterus, and compressive pain in the head and chest, uneasiness, and agitation; relieved by the musical air called "Tarantella,"[13].—Pain in the uterus, as if scratching, followed by pain in the stomach, great thirst, great sadness, unhappy mood, and disposition to get angry,[13].—[**550.**] Pains of different kinds in the uterus for three days, with expulsion of gas, preceded by hysteric phenomena,[13].—Pain in the uterus, with a severe constrictive headache,[13].—Bruised pain in the uterus, extending to the vulva,[13].—Pains in the uterus, as if caused by an abortion,[13].—Pressive and burning pains in the uterus, hips, and os sacrum, with tearing pain in the stomach and colic in the abdomen,[13].—Cutting and burning pains in the uterus,[13].—Cutting pain in the uterus, or pain as if striking a heavy blow on it, with swelling, followed by a spasmodic erotism,[13].—Anguish, malaise, in the sexual organs; the kidneys and thighs are painful; impossibility to walk; it seems as if a living body were moving or tingling in the stomach, with tendency to ascend to the throat,[13].—Shooting in the genitals, followed by some leucorrhœa,[13].—Pain in the genital parts for a day, but by spells, the day before menstruation,[13].—[**560.**] Shooting in the vagina,[13].—Shooting in the vagina and anus,[13].—Great pruritus at the vulva after menstruation,[13].—Return of leucorrhœa, which she had not had for a year, worse in the evening and night,[13].—Profuse menstruation, with pain in the sacrum, hips, and uterus, as during labor,[13].—Profuse menstruation, accompanied by frequent erotic spasms, crossness, ennui, and deep dissatisfaction; a quiet sleep of half an hour is followed by crossness and ennui, with debility, painful giddiness, as when coming out from a warm room into an intense cold air (Lycopod. was the antidote),[13].—Menstruation appears seven days before the usual time,[13].—Menstruation more abundant than usual; when ceasing, the urinary symptoms also disappeared,[13].—Menstruation appears thirteen days in advance, and is preceded by derangements more or less marked,[13].—Menstruation appeared after thirty-four days; it lasted six days, and was more abundant than usual,[13].—[**570.**] Appearance of catamenia, scanty and pale, about the third day of taking the medicine, in a young girl who had not menstruated before. The next day, when dressing, nausea and vomiting of acid substances, followed by burning in the abdomen, particularly in the epigastrium, fatigue on going upstairs, and, since the beginning of the proving, loss of memory, talkativeness, and happy mood. After

thirty-two days, new menstruation for twenty-four hours, in the same girl, scanty and pale, preceded by coryza, and pains in the abdomen for three days,[13].—Sexual desire in a woman, who had a shining callosity on her left index finger, with heat and shooting pains in it, aggravated by pressure; dry cough, happy mood, and poor memory. After two days of taking the medicine (Tarantula), the callosity detached itself, but the cough and the sexual appetite lasted for eight days longer,[13].—Sexual appetite (in a woman of twenty-six years), with some dry cough by spells; facility to express herself, but hesitation, incertitude, and changeable in her actions and ideas. The sexual appetite lasted in this woman forty-five days, and was not influenced by menstruation. During all this time there was poor memory, quarrelsome and changeable temper, and her look was at times vivid and passionate,[13].†

Respiratory Organs.—Larynx. Roughness in the larynx and trachea, with some dry cough, and smarting in the eyelids,[13].—Sensation of roughness and scraping in the larynx and trachea, with smarting in the eyelids, and indifference,[13].—Dryness, scraping in the larynx and trachea, with frontal headache,[13].—The patient was unable to speak a word, and pointed to the larynx as the seat of the trouble,[12].—***Voice.*** Aphonia, with increased difficulty of breathing,[2].—Hoarseness,[13].—***Cough and Expectoration.*** Cough, shortness of breath, oppression, and prostration, until 9 A.M.,[13].—[580.] Painful cough, and sensation of dryness in the chest; laziness, languor, sadness, and fear of running into consumption,[13]. —Cough, with gagging; cough produces distensive pains in the head, chest, and uterus, with sadness and anxiety; but when walking in the open air, a sensation of happiness (tenth day),[13].—Cough, when getting out of bed, with vomiting, and involuntary emission of urine,[13].—Cough, with pain in the left side of chest, extending to the arm of the same side,[13].—Cough, with desire to raise something, but without succeeding,[13].—Cough, excited by smarting in the throat and bronchiæ; worse at night,[13].—Cough, when getting up from bed, and nausea, on account of the efforts to raise the mucus in the chest; pain in the false ribs of the left side,[13].—Cough, when waking, with retching, and pain in the head and heart,[13].—Dry harsh cough, with oppression in the chest, followed by two soft and burning stools, with pain and smarting in the anus,[13].—Dry cough, in the morning, as in the beginning of phthisis,[13].—[590.] Dry cough, with a slight smarting in the throat,[13].—Dry, fatiguing, and convulsive cough, with retching, in the night, in bed, relieved by smoking; when waking up, hoarseness, with sensation of roughness in the chest and throat,[13].—Dry cough, in the morning (in a woman of twenty-six years); in the evening it is more frequent and spasmodic; hoarseness, roughness in the larynx and trachea, and pain in the front part of the chest; frequent pulse, increased heat; dizziness, pain in the whole head, and smarting in the eyes; thirst, but water disagrees;

† The sexual desire was so manifest in this woman that, when playing or dancing with gentlemen, she hugged them before everybody. The just remarks on her conduct made her irritable; she cried, was angry, and finished by promising not to do it again; however, she did not keep her promise long. During this period the catamenia were scanty and pale, with severe pains in the teeth and buttocks. At times she experienced the desire to take things which did not belong to her. A circumstance worth mentioning, was that the "Tarantella" played on the violin and guitar did not produce any effect on her, but as soon as she took in her arms a little girl, she commenced to cry until the child was taken away; this never took place with her before. These experiments were repeated several times, always with the same results.

want of appetite; heat in the abdomen; shaking chills in the back; convulsive spasms in the posterior part of the trunk, thighs, and legs; general lassitude, indifference, and poor memory. These symptoms, which lasted for several days, increased from 5 P.M. till 5 A.M., with sleeplessness and malaise, in bed. This woman experienced, at the same time, violent and constant sexual appetite,[13].—Frequent coughing, dry in the beginning, and followed afterwards by an abundant expectoration of tough, whitish mucus, of a salty taste,[13].—Dry painful cough, with a very thick and yellow expectoration; pain at the base of the chest; indifference and laziness,[13].—Loose cough, with expectoration; great oppression; pain in the left lung, with a sensation as if the back was pressed against the chest (relieved by Bovista),[13].—Loose cough, scanty expectoration; great fatigue and oppression in the chest, as if smothering; general perspiration, particularly on the head and chest,[13].—Loose cough, followed by tickling in the larynx and bronchial tubes, which renews the cough,[13].—Moist cough, difficult expectoration, and great debility,[13].—Cough, with yellow and thick expectoration, increased when waking, and followed by pains in the lungs, particularly the left, when coughing, and during a deep inspiration,[13].—***Respiration.*** [**600.**] Breathing short and hurried, much worse on attempting to lie down,[16].—Great difficulty in breathing,[2].—Great difficulty in breathing, accompanied by a peculiar incessant sighing,[12].—Attacks of suffocation and oppression of the chest, with crying screams and restlessness. (Nervous attack, hysteria),[13].—Feels suffocated, oppressed at the chest; followed by crying and screams, without a cause,[13].—Feels suffocated on account of so much laughing,[13].—Suffocation; violent and painful palpitation, causing great anxiety,[13].—Suffocation, constant want of air, beating of the heart, ceasing suddenly, then the patient thinks he is going to die,[13].

Chest.—Murmurs in the chest, and palpitation of the heart, with alternate acceleration and suspension of the movements of the heart,[13].—Cutting pain in the left lung and heart, with pain in the tonsils, and necessity of stretching,[15].—[**610.**] Painful feeling at the base of both lungs, when coughing or inhaling,[13].—Chest expands with difficulty,[11].—Constriction of the chest,[4].—Oppression of the chest, with rheumatic pains and debility; these pains flew from the chest to the stomach, from the uterus to the limbs, etc., and *vice versa*, with weakness in the arms, preventing work. (Bovista relieved),[13].—Oppression in the chest, with headache, burning heat, general perspiration, sadness, with palpitation and desire to cry,[13].—When waking, after a quiet sleep, oppression, with pain in the left side of chest,[13].—Oppression in the chest, with cough and prostration, till 9 A.M., when the headache increases, extending to the neck and throat, with stiffness of the muscles of these parts. (These symptoms appeared in the morning, when waking, preceded by sadness, trembling, and headache),[15].—**Great oppression in the chest; panting respiration*, palpitation, and prostration,[13].—Pain and oppression in the chest, worse when raising the arms, with the sensation as if a blow was received at the base of left lung. Repeated coughing, with desire to raise sputa, which was bloody. Oppression and panting respiration at the slightest movement. Lying on the left side is unbearable, and produces suffocation, and necessity of sitting up in bed. At the same time an exaggerated resonance is detected by percussion, at the anterior part of the base of the left lung. (The symptoms resembled much those produced by a cavity. Relieved by Bovista),[13].—Muscular pains in the whole chest, particularly on the left side; becoming worse and pressive, when touched in the left mammary region,[13].

—[620.] Constrictive pain in the chest and head, as if a blow was received there,[13].—Rheumatic pain in the anterior and middle part of the chest, extending to both sides, with acute pain in the hypochondrium and umbilical region,[13].—Acute pain in the anterior and inferior part of the chest, towards the left side, with crossness, and fixed ideas,[13].—Pressive pain in the muscles of the anterior part of the chest,[13].—Towards evening, constant stinging pain, very severe in the interior of the chest, between the fourth and fifth ribs; worse by lying on the affected side, and by deep inspiration; better after sleeping. The pain is followed by bitter taste, and gastric symptoms,[13].—Pain in the anterior and lateral walls of the chest, with cough, sad countenance, indifference, and disgust for everything,[13].—Pain in the right side, towards evening with a smarting sensation,[13].—Pain in the right side, towards evening, with a very disagreeable sensation, lessening when sitting and pressing on the parts,[13].—Pain under left false ribs, followed by dryness and smarting in the throat,[13].—Cramplike pains in the left false ribs, with cough and difficult expectoration when rising, causing nausea,[13].—[630.] Cramplike pain in the left side of chest, with necessity of striking himself, and scratching his face and neck; at the same time yawning, stretching, and necessity of putting the fingers in his mouth,[13].—Pain in the left subclavian, with cold feet,[13].—Pressive pain in the left side of chest, with tearing in the stomach, great thirst and restlessness,[13].—Pressive pain in the left side of chest, and in the left subclavian, with the sensation as if it was distended,[13].—Shooting in the left side in the morning,[13].—Shooting pain in the region of the left subclavian, with sensation as if stretched, and shooting in the heart at times; palpitation and slight murmur at the same time, tearing pain in the stomach for several hours, and shooting in the spleen,[13].—***Mammæ.*** Swelling of the breasts, with itching in the nipples,[13].

Heart and Pulse.—Præcordial. Diseases of the heart and particularly of the circulatory system, become worse after wetting the hands in cold water,[13].—Inability to lie down on account of the extreme anguish it caused in the præcordial region; did not retire to bed nor sleep for four nights,[16].—**Precordial anxiety, tumultuous beating of the heart,*[13]—[640.] Præcordial anxiety; the movements of the heart are not felt (after a moral shock),[13].—Violent anguish of the heart,[2 4].—Oppression and pain in the heart, as if a misfortune had happened, with weeping and moaning, followed by cramps and coldness in the inferior extremities,[13].—Pain in the heart, as if squeezed or compressed, also in the aorta, under the left clavicle, and carotids; with violent throbbing of these arteries and heart,[13].—Pain, as if the heart and aorta were torn, with a tingling sensation,[13].—Severe pain in the aorta, extending to the subclavian, as if it was going to burst, with slight beating of the heart,[13].—Sensation as if the heart turned or twisted around, with pain in the chest, and general perspiration. (Relieved by Bovista),[13].—Painful compressed feeling in the heart, with severe headache, bitter mouth and thirst,[13].—Pressive pain in the heart and aorta, with violent throbbing,[13].—Pressive pain in the whole region of the heart, with severe headache, and a great deal of moaning in the night,[13].—[650.] Pressive pain in the region of the heart, worse by touching,[13].—Shooting pain in the heart and arteries of the left side of the chest, extending to the left arm. The sensibility of these parts is so increased, that the contact with the dress is very painful,[13].—***Heart's Action.*** Palpitation, with sadness, inclined to tears, oppression, headache, with general perspiration and burning heat,[13].—Palpitation of the heart, without any known cause,[13].—Palpitation of the heart, with great oppression, panting respira-

tion, headache, and prostration,[13].—Palpitation of the heart, stitches interfering with breathing; pain in the back, painful feeling in the spinal column,[13].—Severe palpitation, with murmur in the heart,[13].—Great irregularity in the circulation,[13].—The circulation of the blood, judging by the pulse, is alternately increased and diminished,[13].—Painful throbbing of the carotids, with fulness in the head, especially in the region of the medulla oblongata, relieved by the epistaxis,[16]. — [**660.**] Trembling of the heart, and thumping, as when frightened, or when hearing bad news,[13].—***Pulse.*** Hard and frequent pulse,[13].—Irregular pulse,[11].

Neck and Back.—Neck. Rigidity of the neck, being so painful that he cannot move without screaming from pain,[13].—Rigidity of the neck, with a great deal of pain, and inability to turn the head; violent pain in the forehead, as if encircled by a band of iron,[13].—In the morning, when turning the head, pain in both sides of neck, and from that time until night pain in the left side of neck when turning the head to the right,[13]. —Neck felt sore,[15].—All the muscles of the neck and back are so painful, that movement is impossible,[13].—Pain in the neck and back, followed by general paralysis,[13].—***Back.*** Distortion of the vertebral column (result of rachitis), with commencing paraplegia,[13].—[**670.**] A swelling, kind of a tumor or rheumatoid prominence on the vertebral column, with labored respiration, pain in the limbs, and sleeplessness (in a person of 14 or 15 years),[13].—A tumor near the middle of the vertebral column, with numbness of the inferior extremities,[13].—Narrowing of the vertebral canal, the result of venereal and scorbutic affections,[13].—Pain in the back, from morning till next day,[13].—***Dorsal.*** Pain in the scapulæ,[13].—Shooting pain under the scapulæ,[13].—Shooting pain in the scapulæ and abdomen,[13].—Towards evening, sharp shooting pain under the left scapula, causing him to scream, and leaving a dull pain; movement brought on the shooting pain; after some hours the pain descended under the false ribs; the pain and shooting reappeared during the night, when moving or turning, but did not interfere with sleep,[13].—Pain along the middle of the back, as after receiving a lash,[13].—***Lumbar.*** Shooting in the left side above the hip, at 9 P.M.,[13].—[**680.**] Acute convulsive pains in the left inferior part of the vertebral column at the appearance of the catamenia, ceasing with it,[13].—Violent pains in the lumbar region; paralysis of the inferior extremities, and suppression of the urine; (result of concussion of the spinal column),[13]. —Pain in the lumbar region as soon as menstruation commences,[13].—Repeated lancinating, shooting pains in the coccyx,[13].

Extremities.—Swelling of the joints, relieved with Tarantula, followed by a pain on the right side, with anxiety; sometimes increasing so much as to stop breathing,[13].—Weakness of all the limbs, staggering when walking, general numbness and dulness,[13].—The necessity of moving the legs is extended to the hands, with desire of taking something and throwing it away, followed by general fatigue,[13].—The necessity of moving the legs extends to the hands, with an uncontrollable desire to take something and roll it between the fingers, followed by general fatigue,[13].—Pain in all the limbs of a rheumatic character,[13].—Lancinating pains in the arms and legs,[13].—[**690.**] Great pain in the knuckles and toes, and on account of the intensity of the pain, could scarcely bear the lightest weight of linen,[2]

Superior Extremities.—Heaviness in the superior extremities one hour after taking the medicine,[13].—Pain in the right arm,[13].—Pain in the left arm,[13].—In the forenoon, pain in the left arm and hand, as if strongly squeezed,[13].—Slight pains in the middle and external parts of the

arms and forearms, on the inferior surface of the wrists, and superior part of fingers,[13].—***Shoulder.*** Pain in the shoulder-joint, as if its ligaments were relaxed, with slight tickling in the stomach,[13].—***Arm.*** Painful and burning sensation in the upper part of the arms, their internal aspect; in the middle of the forearms; in the left knee and calf, with anxiety, restlessness, and crossness,[13].—***Forearm.*** At noon, shooting in the flexure of the left arm,[13].—Pain from the flexure of the arm to the hand, at noon,[13]. —[**700.**] Pain in the anterior and inferior parts of the left arm, increased by carrying the hand to the left shoulder,[13].—***Wrist.*** Pain and swelling of the wrists,[13].—At night, pain in the left wrist when pressed, or when making use of it; continued several days,[13].—Towards noon, shooting in the right wrist; renewed in the evening,[13].—***Hand.*** Restlessness of the hands; movements as if knitting, followed by a marked general shaking, particularly of the inferior extremities (Arsen. 8000th checked these symptoms),[13].—Necessity of moving the hands and fingers, together with general malaise (relieved by Cocculus),[13].—Painful sensation on the palmar and dorsal surfaces of both hands, with pain in the head, burning in the abdomen, sadness, and indifference,[13].—In the night, lancinating pain in the external border of the right hand,[13].—Shooting, lancinating pains in border of left hand,[13].—***Fingers.*** Unbearable pains in the thumbs, particularly the right, relieved by pressure,[13].—[**710.**] In the evening, pain in the left thumb,[13].—Pain in the right little finger when using it,[13].—Pain in the right little finger, extending to the forearm,[13].

Inferior Extremities.—Paralysis of lower limbs; violent pain in the back, that the least movement makes unbearable,[13].—Complete paralysis of the lower limbs; inability to move them on account of the pain. Hard and frequent pulse,[13].—**Great restlessness and agitation, particularly of the inferior extremities, with desire to cry and restlessness*,[13].—Weakness of the lower limbs, dulness of mind, general prostration, obscuration of sight, and immobility,[13].—Since sunset, great fatigue and pain in the lower extremities, particularly in the left thigh and hip, as after a very long walk, or like the rheumatic pains felt before a change of weather,[13].—Numbness of the inferior extremities, followed by paralysis,[13].—Numbness of the lower extremities, changing to a conclusive retraction of the muscles,[13].—***Hip.*** [**720.**] Pain in the hips and kidneys during the night,[13].—Pain in the hips and coccyx in the evening, disappearing when sitting,[13].—Bruised pain in the right hip when rising up, when standing, and walking, disappearing when sitting; followed by an uncontrollable desire to jump,[13]. —***Thigh.*** Severe pain in the buttocks, lasting from 6 A.M. till night; increased by ascending or descending stairs, or making any oblique movements with the trunk. This pain was accompanied with toothache,[13].—Pain in the thighs when walking, as if strapped,[13].—Pain in the right thigh and hip,[13].—Shooting pain in the left thigh,[13].—***Knee.*** Trembling of the knees when standing or walking; the joints felt stiff and sore,[16].—Pains, with slight swelling of one or both knees, which are so sensitive as to make any pressure unbearable,[13].—Pain in both knees,[13].—[**730**] When beginning to walk in the morning, pain in the left knee, for several hours, even when at rest,[13].—Convulsive shaking or twitching of the right leg,[13]. —***Leg.*** Weakness of the right leg, not allowing the foot, when walking, to be placed squarely on the ground,[13].—Weakness in the legs, with throbbing, hammering pains in the knee and left thigh, extending to the hip-joint,[13].—**Uneasiness in the legs, with necessity of constantly moving them*,[13]. —Great heaviness of the legs; difficult walking; inability to kneel down; and necessitating sitting on account of the cough, the oppression, and the

perspiration,[13]. — Great heaviness of the legs, and difficulty of moving them; they do not obey the will; has to lie down,[13]—The leg and lower joints gradually became numb and insensible to pinching. In the bitten spot there was a tumor of the size of a lentil, reddish and almost livid,[2]. —Bruised pain, particularly from the knees downward, with uneasiness, and desire to move often; the pain remains the same when standing, sitting, or lying down,[13].—Great fatigue, and weakness of the legs when walking,[13].—[**740.**] Slight pains in the middle and anterior parts of the legs,[13].—Shooting in the right tendo Achillis,[13].—Shooting pain either in one or both calves,[13].—In the morning, crampy pains in the legs, particularly in the abductor muscles,[13].—***Ankle.*** Pain in the right internal malleolus, in the afternoon,[13].—Shooting in the articulation of the right foot, when walking, and when placing the foot on the floor, in the afternoon and evening,[13].—***Foot.*** Pain in the foot, as if an abscess were forming,[13].—Severe pain in the right foot, when waking up in the morning,[13]. —Painful cramp in the sole of the right foot,[13].—***Toes.*** Toe which had been bitten very much inflamed,[10].—[**750.**] Unbearable pains in the toes, with an enormous swelling,[13].—Crampy and tearing pains in the toes, more intense and constant in the great toes,[13].—In the night crampy pain in the right great toe, in the metatarsal articulation; this pain is worse on motion; afterwards crampy pain in the right thigh and calf; the pains appeared and disappeared rapidly,[13].—Shooting in the right great toe,[13].—Shooting in the right little toe,[13].

Generalities.—A few hours after the bite the patients have great anguish of the heart, great dejection, but greater difficulty in breathing; they complain in a mournful voice, roll their eyes, and when asked by bystanders where they suffer, they either do not reply or point out the affected region by placing the hand upon the chest, as if the heart were affected more than all else. The symptoms observed after the bite of a tarentula are not constant and common to each person, neither are they all produced by each tarantula, but they vary according to the variety of the tarentula, the temperament of the diseased person, and the greater or less summer heat. It has been observed that tarentulas in the more northern region of Apulia are fiercer; the bitten people suffer severe symptoms; especially they are charmed by various colors, green, blue, etc., but rarely by dark colors. And if approached by people dressed in a strong color, which is unpleasant to them, they must retire; for at sight of the annoying color they are immediately seized with anguish of heart and renewal of the symptoms. Different symptoms are produced by different varieties of tarentulas. The tarentula subalbida causes slight pain, followed by itching, sharp pain in the abdomen and diarrhœa. The tarentula stellata causes more severe pain and itching, stupor, heaviness and pain in the head, trembling of the whole body, etc. The tarentula uvea causes, besides the above symptoms, swelling, great pain in the bitten part, spasm, chill, cold perspiration over the whole body, aphonia, inclination to vomit, tension of the trunk and chest, distension of the abdomen, etc. There are numerous and incredible symptoms of tarentula, many of which seem dependent on a depraved imagination; it will not be far from the truth if we report that after the intense severity of the symptoms apparent on the first days has declined, there is a peculiar melancholy, a bending forward of the neck, until either by dancing, or music, or by change of age the poisonous characteristics are eliminated from the blood and nervous fluids, which fortune is rarely attained, for having once been bitten, it is certainly evident that they cannot be restored to health. Many symptoms confirm

this assertion of the nature of the depraved fancy; for many have sought the sepulchre and lonely places, and even extended themselves upon the bier. Desperate, they court dissolution. Maidens and wives, otherwise virtuous, the restraints of modesty being loosed, sigh deeply, howl, make indecent gestures, expose their sexual organs, are fond of pensile movements, etc., some at length twist about in their own garments, and take excessive delight in such movements. Others like to strike with whips on the buttocks, heels, feet, back, etc. Others have a great desire to run. Also strange fancies in regard to colors are observed; for people bitten by tarentulas are charmed by some colors, and on the contrary, greatly repelled by others, and according to the degree of the perverted fancy in turn, refreshed and made miserable by various colors,[1].—Stretched upon the ground and seemed as if he was just going to expire. When he heard the music he began to move accordingly, got up as quick as lightning, and seemed as if he had been awakened by some frightful vision, and stared wildly about, still moving every joint of his body. As I had not yet learned the whole tune, I left off playing; in an instant he fell down and cried very loud; his face, legs, arms, and every other part of his body were distorted; he scraped the earth with his hands, and was in such contortions, that clearly indicated him to be in miserable agonies. On hearing the music again, he rose up as he did before, and danced as fast as any man could do; his dancing was very wild; he kept a perfect time in the dance, but had neither rule nor manner, only jumping and running to and fro, and making very comical postures, something like the Chinese dances seen on the stage, and otherwise, everything that he did was very wild,[5].—He immediately felt intense pain in the bitten spot, and fell to the ground with coldness of the body; with bristling of the hair, pain in the chest, tension of the trunk, the legs were weak, he sighed, complained, said that he was suffocating, wished to cry out, but could not. The next morning he was taken by his neighbors to the town where music was called in; he immediately began to dance, he was bathed in perspiration, was sleepless for a week, drank pure wine; did not evacuate the bowels for four days, desired nothing, wished to be bathed with water, liked a red color, pursuing with the greatest hatred anything blue, which he tore to pieces and trampled under foot. At night he held his heels in his hands to scratch them, in which manner he was able to get a little sleep; he ate little or nothing; but dancing for almost a week, he was cured by the perspiration and music,[7].—The tarentula being killed, he returned home, but on the way suddenly fell to the ground, as if struck by apoplexy, followed by shortness of breath, blackness of the face, hands, and other extremities, etc. The patient revived as he heard music, began to sigh, moved first his feet, then his hands and the rest of his body, and soon after, on being raised to his feet, danced vigorously, with sighs so deep as almost to frighten the bystanders. He rolled upon the ground, and kicked vigorously. In two hours from the beginning of the music he had entirely lost the blackness of the face and hands; the dance was repeated for three days, according to the custom, and he was entirely restored by the perspiration thus induced. Each year, about the time of the bite, pain reappeared in the affected part with all the above symptoms, in less intensity, however; and unless he anticipated the assailing paroxysm with music and dancing, he was suddenly seized with the same symptoms, whence, when thus attacked about the time of the bite, he was carried from the field by his companions and restored by a little music,[6].—Weakness of the legs, obscuration of sight,

vertigo, cramps in the stomach, going upwards, without vomiting, coldness, cannot get warm, with an earthy gray, or bluish hue of the face,[13].—[760.] Malaise, vertigo, stupor, violent cramps in the stomach, causing gagging without vomiting, coldness and livid face; sweat at the root of the hair; fever, with a furious delirium,[13].—Malaise, vertigo, cramps in the stomach, painful coldness, earthy paleness of face; fever and intense heat afterwards, with dryness and sensitiveness of the skin,[13].—General symptoms due to scrofula,[13].—General and local dropsy,[13].—A tendency to rachitis in scrofulous constitutions,[13].—Rachitism due to syphilis,[13].—Diseases of the bones, in general,[13].—General, and almost sudden œdema; feels oppressed and suffocated; anxiety; the teeth are clenched; nervous symptoms,[13].—Weakened constitution by frequent uterine losses; hysteric symptoms; hepatic spots on the neck, and sometimes on the cheeks,[13].—Retraction of one or more muscles,[13].—[770.] Retraction of the muscles. General muscular atrophy,[13].—Retraction of the muscles; the mouth and eyes are distorted, with a general sensation as if the body was smaller and atrophied,[13].—Half of the body seems as if atrophied, with retraction of the muscles; the head and back are drawn strongly towards the hip,[13].—Tension and rigidity of the muscles of the entire trunk; inability to move the head, the arms, and even the upper half of the body. The muscles seemed shortened,[13].—Attack of paralysis, characterized by a general formication, which begins at 8 P.M., with a strong pain in the occiput, followed by numbness of the trunk and limbs, to such a degree as to completely lose all movements. Natrum mur. was given as an antidote; immediately after, general agitation, fear of losing the reason, which also happens; biting and scratching himself with rage. Phosph. ac. was given, and this state ceased. Feels thirsty afterward, yawning, rigors, and shaking, with headache,[13].—General twitching, especially violent in the arms, alternating with opisthotonos,[12].—**Trembling of the body; all the limbs are agitated*,[13].—Her whole body was shaken by a spasm of such violence that two strong men could hardly hold her,[2].—Convulsive trembling of half of the body,[13].—Convulsions and subsultus in all his limbs; the penis erect, and the abdominal muscles in such a state of contraction and rigidity that they might have been aptly compared to a piece of leather,[10].—[780.] Convulsions, resulting from compression on the spinal column, involuntary stools,[13].—Convulsions, caused by pressure on the spine, paralysis, complete retention of the urine and fæces,[13].—Convulsions, caused by pressure on the spinal column, with involuntary stool,[13].—Convulsions, resulting from compression of the spinal column; complete retention of fecal matters and urine,[13].—Extraordinary contortions and movements of the head and hands,[13].—Convulsive spasms, rolling on the ground, teeth clenched; it seems as if breathing was interrupted; a rattling, hoarse sound from the throat,[13]. — Spasms in general,[13]. — Spasms, starts, general trembling, a bluish tinge of the skin (not cyanosis), gooseflesh, coldness, and screams,[13]. —**St. Vitus's dance*,[13].—Great weakness and prostration, with general lowness of spirits, lassitude, and pains in the hip-joints, wrists, and finger-joints,[13].—[790.] Could hardly be moved from side to side, on account of the great weakness, uninterrupted constriction of the chest and anguish of the heart,[4].—Malaise, constant thirst, craving for raw articles,[13].—Music produces malaise, ennui, and restlessness, with contractions of the fingers, and necessity of moving them,[13].—Universal languor,[4].—Complete relaxation and general prostration of strength, with heavy drowsiness. (Relieved by Carbo veg. 200th),[13].—General lassitude on getting up, lasting

the whole day, with hoarseness; weakness, with little moral or physical inclination to work,[13].—General fatigue, passing an excessive amount of urine,[13].—Fatigue, uneasiness, constant movements of the arms, legs, and trunk, and impossibility of doing anything or of keeping quiet,[13].—Complete prostration of strength,[10].—Great prostration and pains, as if the whole body was bruised,[13].—[**800.**] **Great restlessness, could not keep quiet anywhere, or in any position; felt that I must keep in motion, though walking aggravated all the symptoms,*[16].—*Restlessness, cannot remain in one place; uneasiness without a cause; apprehension, followed by vertigo, is compelled to sit down; chills, malaise, increasing fever becoming intense, with great excitement, gesticulations, redness of the cheeks, eyes sparkling in an extraordinary manner,[13]. — *Restlessness, excitement, passion; irresistible desire of moving the legs,[13].—Uneasiness, malaise, dissatisfaction, ennui, need of moving the head,[13].—**Has to change position*, has to sit down on the floor and move constantly. Is obliged to cry, with great restlessness, especially in lower extremities. Is obliged to change position every moment,[13]. — **Agitation;* cannot keep in one place; uneasiness without a cause; apprehension, afterwards vertigo; is obliged to sit down; chills, distressed; malaise, increasing fever, which becomes intense, with great excitement and gesticulations,[13]—**Constant movements of the legs, arms, and trunk, with inability to do anything, cannot even keep quiet in one place. This state is preceded by malaise and oppression,*[13].—**Need of constantly moving the hands, feet, and head,*[13].—Debility, syncope, with effusion or œdema of the legs and abdominal walls,[13].—Syncope, nervous crisis, with crying and screaming; general œdema,[13]. — [**810.**] Oppression, malaise, continual movements of the arms, legs, and trunk; impossibility of doing anything, or of keeping quiet,[13].—The muscles of the whole body seem as if they were shorter; the pains are unbearable; slight fever,[13].—Difficulty of walking, on account of pains; extreme debility; thirst; want of appetite; after eating, the lassitude continued, but with gayety and desire to laugh, lasting till bedtime, followed by sadness; quiet sleeping, though accompanied with dreams,[13].—During a walk a disagreeable sensation, as is experienced after a shock or a fright; this lasted about half an hour, and was followed by great weakness,[13].—Muscular pains after wetting the hands in cold water,[13].—General pains, particularly of the bones of the arms,[13].—General pains, but principally located in the bones of the arms,[13].—Pains, with gouty swellings,[13].—Some pain and swelling,[14].—On being urged to dance, she replied with tears that she could not, on account of the violence of the pain in the joints of the feet and total loss of strength,[2].—[**820.**] Pain in the right inferior maxillary nerve, with a painful sensation in the left elbow-joint, as if the ligaments were relaxed. A few minutes after, slight rumbling in the sigmoid flexure, accompanied with a marked increase of heat in the stomach, ascending towards the thoracic cavity, with increased perspiration. Six minutes after, tendency to sleep, with painful headache and paleness; eight minutes after feels the head relieved, but pain in the nerves of the left internal surface of superior lip, with throbbing; eleven minutes after, slight pains in the stomach, in its great curvature. When these symptoms passed off, great sleepiness, heaviness above the eyes, and shooting pain in the left ischiatic tuberosity,[13].—He immediately yelled and fell down; they carried him to the house in agonies; terrible smarting pain, hot and cold, starting from the bite to the small of the back, and from there returning to the bite; this alternating pain continued all night,[15].—Wandering pains, relieved by warm frictions,[13].—Pains changing

and flying from place to place, in the shoulders, back, arms, and knees, etc., and are relieved somewhat by warm frictions,[13].—*Arthritic pains*,[13].—Strong, sharp prickings on different parts of the body, which compel to jump or start, with contractions of the lateral muscles of the neck; sore throat; pain in all the teeth, as if they were burning. All these symptoms increase when seeing others in trouble, with noise, talking, and from the smoke of tobacco,[13].—There is marked periodicity in the symptoms,[13].—Having seen the bite of a rattlesnake successfully antidoted by large doses of whiskey, I drank about two fluid ounces, but had no wish to repeat the dose, as it produced a very decided aggravation of all the symptoms,[16].—The symptoms steadily increased in severity until they reached their acme, then as steadily decreased, without any remissions or periodicity,[16].—Every year at the time of the bite, all the symptoms returned, pain in the bitten part, with a red color, etc. All the symptoms were removed by the dance,[7].—[**830.**] The cold air produces pains in the bones, as if they were sawed,[13].—Aggravation. In the afternoon, sunset, and night. In dry cold weather, and change of weather. During rest, in bed. From smoke of tobacco, from sexual intercourse, from moral emotions of a depressing character, and from wetting with cold water,[13].—Reappearance of all the symptoms, twenty-five days after,[13].—The symptoms appear particularly in the afternoon and evening,[13].—The easiest position that can be taken is to sit on the floor. Dampness and a change of weather aggravate all the symptoms,[13].—Many of the symptoms of this medicine get better by walking, or taking a walk in the open air, and still more relieved on sitting down; some of the pains (of the trunk) are worse on horseback; meanwhile the pressure in the chest and the dizziness are relieved,[13].—Amelioration of the symptoms in the open air,[13].—(Music caused the patient to dance, and was followed by relief of all the symptoms),[12].—Music lessens the symptoms; feels well, laughs; gayety, followed by crossness,[13].—Amelioration. In the open air, when walking, by motion. By music (tarantella), amusement. From warm friction and perspiration,[13].

Skin.—Eruption, Dry. [**840.**] Ecchymosed spots on the skin, limbs, and on fleshy parts, varying in size from two to five inches in circumference, with uterine discharge of a pale blood; gastric complaint and debility,[13].—Hepatic spots on the body; after using the medicine they disappeared, but the above uterine symptoms reappeared,[13].—Hepatic spots on the body, here and there; when cured with medicine the uterine symptoms reappear,[13].—Spots and aphthous abrasions in different parts of the body. Hepatic spots; spots on the skin, oozing a pale and impoverished blood,[13].—Reddish spots on the neck and sometimes on the cheeks; delicate, weak constitution on account of frequent uterine discharges, and symptoms of hysteria,[13].—It produces at first a little inflammation, like that from the sting of a bee,[11].—Ringworms (herpes) on the forehead, and also on the face, with stinging, like pins, under the chin,[13].—Furfuraceous herpes on the forehead and the face, with bluish or dark circles around the eyes, and spells of general debility,[13].—A very confluent eruption of pimples on the whole body, except on the hands and feet; with a marked increase of heat, itching and burning when scratching in the evening. (This eruption lasted twenty-seven days),[13].—Eruption of small pimples over the whole body, mainly on the head and temples, together with pricking and itching, ending with a slight suppuration,[13].—[**850.**] An eruption of small pimples on the forehead, similar to miliaria (after three hours), extending on to the face and superior part of neck under the inferior maxilla. As a

forerunner of this eruption, general debility, frontal headache, vertigo, and burning itching of the whole face. The eruption disappeared on the third day, but the burning itching on face and the impaired vision persisted two more days, with sneezing and coryza,[13].—Confluent eruption of pimples on the face, neck, and other places, except the hands and feet; with marked increase of heat, pricking, and itching when scratching, and aggravation towards evening for two days,[13].—Eruption like miliaria on the face; general scorching heat during three days, accompanied by a happy mood, and loss of memory,[13].—An abundant eruption of pimples on the whole face, more on the right than on the left side (after sixty hours). (Lasted thirty days),[13].—Miliary eruption on the face, with impaired vision, heat, and general perspiration, poor memory, and happy mood. (Lasted three days),[13].—An eruption of pimples on the cheeks and near the commissure of the lips; itching and burning, increased by scratching,[13].—Indolent pimples upon the dorsal surface of the left hand, the size of a pea; disappearing without inconvenience,[13].—***Eruption, Pustular.*** A pustule in the left forearm, at the lower third and external aspect, the size of a twenty-five-cent silver piece, with a black point at the apex; painful, with increased heat; it suppurated on the sixth day, and left a scar four days after,[13].—A pustule, large as a pea, conical in shape, with broad base, on the middle finger; it suppurated on the seventh day, discharging some blackish blood,[13].—Forty-eight hours after inoculation there was intense burning of the scalp, speedily followed by a vesicular eruption, resembling *Crusta lactea;* five ulcers formed on different parts of the scalp, which discharged a thin greenish ichorous pus, very offensive; vesicles appeared on different parts of the body, soon becoming pustular and turning to ulcers; the eruption on the scalp and body remained about three weeks before its final disappearance,[16].—[**860.**] Small tumor, or callosity, the size of a ten-cent piece, whitish and indolent, on the palmar surface of the right hand, between the middle and index fingers, near their metacarpal articulation. The next day the callosity increased in size, with heat and severe pain, causing the patient to wake up several times in the night. The callous tumor continued to extend to the base of both fingers on their internal side, till the third day, when it broke, leaving an ulcer with callous borders, of a good character, and covered with whitish pus. The ulceration lasted twenty days, and left a slight scar. During all this time there was poor memory and happy mood,[13].—A small and painful callous tumor at the end of the right thumb, that fell off on the seventh day,[13].—A small, hard, and shining callosity, or wart-like tumor on the left index finger, with increased heat and shooting pain in it; worse by pressure; dry cough; sexual excitement, and poor memory. After two days the tumor fell out, but the cough remained for eight days longer,[13].—Slight inflammation of the ball of the right thumb, which is hard and shiny, with lancinating pains. The inflammation lasted eight days, extending to the hand, with shooting and smarting pain all the time, and passed to suppuration. During these eight days there were observed as concomitant symptoms, a right-sided headache; itching and smarting of the eyelids; swelling of the right axillary glands, chills, etc. The suppuration lasted about fifteen days, and the ulceration healed,[13].—He felt a prick, similar to that of an ant or fly, and at the same time experienced pain in the joint of the left ring finger. The next day the affected part became red and surrounded by a livid areola of a golden color; on the third day the golden areola was swollen, with continuance of the pain; on the fourth day the swelling disappeared, the bitten part remained suffused

with a red and livid color, but in the meantime the pain was hardly felt no new symptoms appeared for fifteen days. A black scab, which covered the spot, was removed, formed again and again, until on the fifteenth day the former yellow circle appeared,[8].—Each year there was the most intense pain in the toes from the reopened wound; they were inflamed and during the course of the inflammation a thin and very acrid ichor exuded from the nails, deeply corroding the neighboring parts,[3].—An indolent boil between the scapulæ, which disappeared without any inconvenience on the second day,[13].—An indolent boil, the size of a large pea, in the superior part of the left breast, lasted two days, and disappeared without giving any trouble,[13].—Painful conical boils on the posterior and upper part of the right thigh, interfering with a free movement of the limb,[13].—***Subjective.*** General formication on the whole body, with yawning, colic, and sexual excitement,[13].—[**870.**] Formication and slight burning over the whole surface of the body,[13].—Burning and scarlet color of the whole body, with sweat on the head and face during coughing,[13].—Pricking and burning sensation in the whole body, towards midnight; the skin becomes of a scarlet color during half an hour, followed by a bitter taste in the mouth, and bloating of the abdomen, which is painful to touch,[13].—Pricking in different parts of the body, repeated for two nights,[13].—Pricking in the whole body during the night, as if caused by a great number of fleas,[13].—Pricking along the sagittal suture, with a yellow, crusty eruption,[13].—Great pricking and itching over the whole body, particularly in the head, face, eyelids, and temples,[13].—Slight pricking and itching in the anterior part of the trunk, in the arms, and in the legs,[13].—Great itching; pruritus on the whole body, particularly on the head, face, eyelids, and temples,[13].—General itching, like the itch,[13].—[**880.**] Itching sensation over the whole body, with burning pain in the sacral region and left half of the scrotum,[13].—Cold produces itching in the feet,[13].

Sleep.—Sleepiness. Yawning, with uneasiness in the legs, need of moving them constantly, with dryness and bitterness in the mouth and throat,[13].—Yawning, with need of moving the legs,[13].—Yawning, with transient stinging pains in the region of false ribs, alternating with gayety and crossness,[13].—Yawning, with tears, and goneness at the pit of the stomach,[13].—Yawning, spasms, nervous excitement, aggravated by trifles; particularly with women,[13].—Yawning as a forerunner of the evening quotidian fever (relieved by alum),[13].—Frequent yawning, stretching, with desire of crying, in the morning,[13].—Yawning and stretching, with muscular debility and malaise, sadness, bad taste in the mouth, coated tongue, heaviness of the head, and inclination to sleep without feeling like it,[13].—[**890.**] Spasmodic yawning, the jaw feels tired, spasms, need of stretching, cramps in the stomach followed by nausea, general malaise, cold, paleness, chills, and violent fever,[13].—Irresistible yawning, followed by spasms, hiccough, regurgitation, moaning and crying, restlessness, chill and fever,[13].—Excessive yawning, shaking chill, horripilation and thirst, worse by drinking; severe pressive or squeezing pain in the heart; the chill is short; general heat felt more internally than externally; tearing pain in the stomach, uterus, and abdomen, with borborygmus; sweat and absence of mind,[13].—Great drowsiness and heaviness of the body, in the evening and night, as during the severe hot days of summer,[13].—Irresistible tendency to sleep,[10].—Quiet sleep until 2 A.M.; then sad dreams, followed by gay ones; when waking up is in good mood, full of fun, and with a better disposition to work,[13].—Quiet sleep, during which he talks for three hours,[12].

—Quiet sleep for intervals, with sad dreams of insult and contempt,[13].—Prolonged sleep, with gloomy dreams,[13].—For three months after the proving the sleep continued to improve,[13].—[**900.**] After four days of taking the medicine, better sleep, particularly in the morning; happy feeling on waking, does not like to leave the bed; about the eighth day of taking the medicine, and the six following, this happy feeling was accompanied with drowsiness, which lasted more or less until the thirty-first day,[13].—Irresistible sleep, with squeezing pain in the abdomen, hips, and uterus,[13].—Unconquerable sleepiness while working; goes to sleep sitting on the floor. A repetition of the unconquerable sleep, but lasts only a while,[13].—Unconquerable sleep at the same hour; music causes sadness,[13].—***Sleeplessness.*** **Sleeplessness* (after three hours),[2].—*Complete sleeplessness, with great nervousness; restlessness and inability to go to sleep,[13].—*Complete sleeplessness all night, and stinging pain in the temples,[13].—Did not retire to bed nor sleep for four nights,[16].—Wakefulness till 5 A.M.; goes to sleep about half an hour, with tedious and disagreeable dreams; wakes up trembling, with sadness and headache, as if blows had been received on the head,[13].—[**910.**] Wakefulness till 4 A.M., followed by sleep, and dreams that he fell off a horse; dreams about a person, and worries about it until he is entirely awake, then seeing that person, his mind becomes quiet,[13].—Wakefulness, with great uneasiness, nervous excitement, and continued restlessness till 5 A.M., when he sleeps one hour, with gloomy dreams; starts out of sleep panting, gasping for breath, and frightened as if waking up from nightmare,[13].—Restless sleep, with dreams of corpses; pollutions,[13].—Light sleep, with dreams; when waking up, stupefaction, with giddiness and headache; a feeling as if something was moving in the head,[13].—Restless sleep in the afternoon; dreams of wild animals that were going to devour him; wakes up frightened and shaking, remembering the dream,[13].—***Dreams.*** Dreams of his business, of great dangers, of poisonous animals, etc.,[13].—Dreams that several bulls ran after him, and he was obliged to jump into the water and got drowned; wakes up frightened and shaking, with headache,[13].—Prolonged dreams, which waken, followed by headache,[13].—Pleasant and delightful dreams, with a feeling of happiness; when waking up, crossness, which lasts several hours,[13].—Pleasant dreams of amusements and games, followed by gloomy ones, until 3 A.M., then wakens with giddiness and headache; cannot remember the dreams,[13].—[**920.**] During several hours, dreams of death, impending misfortune, etc.; wakes up with a pressive headache (relieved by Baryta mur.),[13].—Sad dreams, with a disagreeable impression and weeping,[13].

Fever.—Chilliness. After an access of insanity, general chill, severe shaking, horripilation, chattering of the teeth, compressive headache, burning thirst, with fear of drinking water, which he craves afterward,[13].—After a new attack of insanity, the chill and yawning of the preceding fevers repeated (checked by Alumina),[13].—*Chills and shivering during several hours; gnawing stinging pains in the kidneys; lancinating pains in the limbs; headache, with buzzing in the ears; at 7 P.M., severe chill, compelling to lie down, to get warm, getting warm with difficulty at the end of two hours; fever during all night, and the next day feels chilly; easy vomiting of bile, in the morning. This fever also appeared at the end of the proving,[13].—*Constant chill and coldness during four days, except in the nights, when she sleeps; feels broken down, as if bruised all over, particularly when moving; the first two days, pains in the legs and head; the second, bilious vomiting, in the morning; the fourth

day, at the same hour and lying down, slight sweat. This fever was complicated besides with coryza and cough, and repeated at the end of the proving; after this fever, the woman felt heavy and dejected for eight days, during which time she had the eyes inflamed and the eyelids agglutinated, in the morning,[13].—When waking up, severe chill and general shaking, chattering of the teeth, bruised feeling all over, particularly in left side of chest, followed by a burning heat and sour perspiration afterwards; then sleeps, and dreams he was at a river border looking at the flowing water, but when looking up to the sky he became sad; seminal emissions,[13].—Rigors were among the first symptoms noticed; chills began in the lumbar region and spread over the whole body, aggravated by the slightest draft of cold air; coldness of the whole body; increase of artificial heat produced chilliness; could not keep warm, though sitting beside a hot stove or over a register almost constantly,[16].—Shivering, increased heat, frequent pulse, stupefaction and headache, smarting in the eyes, thirst for cold water, but the stomach refuses it; anorexia and heat in the abdomen,[13].—Shivering, horripilation and general shaking, icy coldness, yawning, violent thirst, with need of stretching; compressive headache; symptoms like the first stage of intermittent, lasting one hour, followed by pain in the heart, as if it would jump out of its place; pain in the left arm, followed by muscular weakness, heat, and cough; fever, with a scorching heat, intense thirst, pain in the left arm, dryness of the mouth, oppression, panting, and dyspnœa,[13].—[**930.**] Alternating cold and heat, with some acute pain in the region of the liver. (This state was preceded by headache and increased heat),[13].—General coldness and shaking, very marked in the inferior extremities; it seems as if the ligaments of the hip and knee-joints contract and relax rapidly, producing a cracking noise, together with a very profuse sweat. (These symptoms were relieved with Arsenicum 8000th),[13].—Chills on the back, lasting one hour, followed by pain in the whole head and in the great toe of the right foot,[13].—The inferior extremities are cold, with cramps, after having felt a pain in the heart, with oppression and moaning,[13].—Cold in the feet, followed by a general chill, with yawning,[13].—***Heat.*** Quotidian febrile state, consisting in increased heat, frequent pulse, heat in the palms of the hands, and desire of lying down all the time, with exaggerated ideas about his disease, or a mania to show that he is very sick, though his complaint is a slight one,[13].—Burning heat, intense thirst, profuse sweat, and great desire to sleep without succeeding, on account of nervous agitation,[13].—*Scorching heat in the whole body, alternating with an icy coldness*, which causes shaking and repeats often; feet constantly cold,[13].—*Burning heat through the whole body, alternating with an intense coldness that causes trembling and shaking, and repeats several times; feet constantly cold,*[13].—*Scorching heat of the skin, which is of scarlet color;* intense burning thirst; headache, with pains all over the body, as if bruised, lasting one hour; afterwards, profuse general perspiration and strong smell of fever, with amelioration of the headache, thirst and pains; sleep during the heat and sweat,[13].—[**940.**] Burning heat in the interior of the body, with necessity of making contortions,[13].—Great heat through all the body, not detected by the touch,[13].—Heat and pain in the whole head, when waking up,[13].—General heat of the body for one day (third day),[13].—Burning heat in the head, face, and ears, with increased color of the latter; oppressive breathing and general uneasiness; twitching of the tendons, and unbearable bitterness in mouth and throat, with great dryness; need of moving the head from side to side, laterally rubbing it against something,[13].—Heat

and burning of the head, flushed cheeks, and perspiration on the palms of the hands,[13].—Burning, scorching heat in the occiput, extending all over the posterior part of the head,[13].—Burning heat in the head, face, and throat, with restlessness and burning thirst,[13].—Sensation of heat in the face,[13].—Burning and sweating on the palmar surfaces of both hands, with scorching heat in the head, and flushed cheeks,[13].—***Sweat.*** [950.] Debilitating sweats, with general malaise,[13].—Sweats at night, caused by difficult digestion,[13].—Cold sweat on the surface of his body,[10].

Conditions.—**Aggravation.**—(*Morning*), On waking, heaviness of head; headache; lancinations in left side of head; pain in eyes and temples; pain in right eye; lancinating pain in left ear; on waking, pyrosis; pain in left kidney; on getting up, cough; dry cough; pain in right foot on waking.—(*Afternoon*), Indifference; desire to cry; 3 to 7 P.M., pain in forehead; pain in right ear; pain in stomach; 3 to 5 P.M., pain in hypochondria; the symptoms.—(*Evening*), Sadness, etc.; vertigo; heaviness in head; headache; shooting in temple; pain in right eye; pain in teeth; colic and borborygmus; pain in kidneys and hips; leucorrhœa; pain in hips and coccyx.—(*Night*), Headache; lancinating pain in head; pain in temple and side of head; lancinations in temple; weakness and faint feeling in stomach; gastralgia; shooting pain in kidneys; pain in spermatic cord and testicle; leucorrhœa; cough; pain in border of right hand; pain in hips and kidneys; the symptoms; sweat.—(*Ascending or descending steps*), Pain in buttocks.—(*Bodily effort*), Involuntary emission of urine.—(*Breathing heavily*), Pain in hypochondria.—(*Carrying heavy weight on head*), Vertigo.—(*Cold*), Itching on feet.—(*Cold air*), Pain in bones; the symptoms.—(*Change of weather*), The symptoms.—(*Coughing*), Pain in temple; side pain in occiput; sore throat; pain in abdomen; tearing pain in groin; pain in lungs.—(*Depressing moral emotion*), The symptoms.—(*Drinking*), Yawning and chill.—(*Drinking cold water*), Pain in stomach.—(*Eating*), Pain in hypochondrium.—(*Fixing sight on any object*), Headache.—(*Inclining head forward*), Frontal pain.—(*Inclining head sideways*), Pain in corresponding side.—(*Bending head backward*), Pain in occiput.—(*Deep inspiration*), Pain in lungs.—(*On lying down*), Short and hurried breathing; anguish in præcordial region.—(*Lying on left side*), Pain in left side of chest.—(*On appearance of menses*), Pain in lumbar region.—(*Moaning*), Hysteria.—(*Music*), Pain in uterus; pain in heart and chest; uneasiness; excitement; malaise; music; contraction of fingers, etc.—(*Noise*), The symptoms.—(*Pressure*), Distress in stomach; gastralgia; pain in abdomen; shooting pain in callosity on finger.—(*Pressure on spinal column*), Convulsions.—(*On raising arms*), Pains and oppression in chest.—(*During rest*), The symptoms.—(*Riding on horseback*), Pain in middle of abdomen.—(*Running*), Pain in hypochondrium.—(*Seeing others in trouble*), The symptoms.—(*Sexual intercourse*), The symptoms.—(*Smoking*), The symptoms.—(*At sunset*), The symptoms.—(*Sunlight*), Obscuration of vision.—(*Swallowing*), Sore throat; constriction of throat.—(*Touch*), Headache; pain at entrance of external meatus; pain in region of heart.—(*Turning head*), Pain in neck.—(*On waking*), Noise in ears.—(*Walking*), Vertigo; pain in uterus; pain in thighs; fatigue and weakness of legs; shooting in articulation of right foot; the symptoms.—(*Cold water*), Pain in groins.—(*Wetting hands in cold water*), Muscular pains; the symptoms.—(*Whiskey*), The symptoms.

Amelioration.—(*Open air*), The symptoms.—(*Bending double*), Pain in abdomen.—(*Music*), The symptoms.—(*Motion*), The symptoms.—

(*Perspiration*), The symptoms.—(*Pressure*), Headache; pain in left eye; borborygmus and colic; pain in thumbs.—(*Riding in a carriage*), Pain in spermatic cord and left testicle.—(*Rubbing*), Pain in thighs.—(*Sighing*), Hysteria.—(*Smoking*), Dry cough.—(*Warm friction*), Wandering pains; the symptoms.

TARTARIC ACID.

Tartaric acid, $C_4H_6O_6$.

Preparation, Solutions in water, freshly prepared.

Authorities. **1**, Nenning, Praktisch Mittheilungen, 1827 (Journ. de la Soc. Gall., Mat. Med. Pura, vol. 4, p. 519); **2**, Journ. de Chim. Med., 1838, p. 72 (ibid.); **3**, Husemann, Pflanz., p. 550; **4**, Times (Pharm. Journ., vol. 4, 1845, p. 370), William Watts, æt. twenty-four years, drank 2 ounces dissolved; **5**, Cattell, Brit. Journ. of Hom., vol. 11, p. 337; **6**, Alfred S. Taylor, M.D., Principles and Practice of Med. Jurisprudence, 1873, p. 230, a man, æt. twenty-four years, drank 1 ounce dissolved in ½ pint of warm water, death in nine days.

Head.—Dizziness (in one hour),[1].

Face.—His face instantly became as red as fire, and having exclaimed that he was poisoned, he became speechless; he never after left his bed, where he died on the tenth day,[4].—The lips turn brown and blackish at their inner edge,[1].—Constant dryness of the lips; he is obliged to moisten them,[1].—(Burning at the upper lip, on a spot where a pimple had been cured),[1].—Burning of the lips (in a quarter of an hour),[1].

Mouth.—The teeth are set on edge,[1].—*Brown and dry tongue,*[2].—Pasty taste in the mouth, in the morning, which ceases after eating,[1].

Throat.—[**10.**] Burning sensation in throat and stomach as if on fire,[5]. —Complained of a burning sensation in his throat and stomach, as though he had drunk oil of vitriol, and stated that he could compare it to nothing but being all on fire,[6].

Stomach.—*Very urgent thirst,*[2].—Eructations,[1].—Nausea (immediately),[1].—Vomiting continued till death,[6].—*Repeated and almost continual vomiting,*[2].—*The matters vomited were of a deep-green color,*[2].

Abdomen.—*Pain in the umbilical region,*[2].—Pinching below the navel, with emission of flatulence; cold feeling in the abdomen for a quarter of an hour (in ten minutes),[1].—[**20.**] Pinching in the abdomen,[1].

Stool.—*Many stools during the night,*[2].—*The fæces were of the color of coffee-grounds,*[2].

Respiratory Organs.—Hoarseness and scraping in the larynx,[1]. —Respiration accelerated, then laborious and slow,[5].—Respiration difficult and slow,[3].

Heart and Pulse.—Very weak action of the heart,[3].—*Feeble pulse,*[2].

Back.—*Sharp pain in the region of the loins,*[2].

Inferior Extremities.—Paralysis of the thighs and legs,[2].—[**30.**] Tearing pain at the soles of the feet, near the heel, which prevents him from setting his foot on the ground, after luncheon,[1].

Generalities.—Convulsions just before death,[3].—Excessive weakness,[3].—*In the evening he feels very tired, and can scarcely drag himself along,*[2].—General bruised sensation, especially of the lower limbs,[1].—Amelioration in the open air,[1]

Sleep.—Yawning and stretching,[1].—Frequent yawning,[1].

Fever.—General cold feeling, in the evening in bed,[1].

Amelioration.—(*In the open air*), The symptoms.

TAXUS BACCATA.

Taxus baccata, Linn.

Natural order, Coniferæ.

Common names, Yew; (G.), Eibe; (Fr.), L'If.

Authorities. **1**, Selle, from Gesner's Sammlung, 1742 (Frank's Mag., 4, p. 342), a boy, æt. five years, was poisoned by the berries; **2**, Thomas Percival, M.D., Essays Med. Phil. and Exper., 1807, p. 180, death of three children, æt. five, four, and three years, from eating the fresh leaves. (3 to 6, Dr. Gastier, Bibliotheq. Hom. de Geneva, vol. 4, p. 193, 1835, provings on healthy persons.) **3**, 3 or 4 drops of 2d dil. before breakfast for three successive days; **4**, 2 drops of mother tincture on two successive days; **5**, half a cup of infusion of leaves two successive mornings; **6**, effects on Gastier himself; **7**, Samuel Hurt, Lancet, 1836–7 (1), p. 394, a child, æt. three and a half years, ate the berries. (8 to 13, Dr. Roth, Journ. de la Soc. Gall., Mat. Med. Pura, vol. 1, p. 501.) **8**, Gattereau, Ana. Journ. de Med., vol. 81, p. 77; **9**, Harmand, ibid., vol. 83, p. 210; **10**, Percy, ibid., p. 226; **11**, Hubner, Lethale taxi Venenum, example, confirmation, Francofurt, 1805; **12**, Brande's Blumenbach Med. Biblioth., vol. 3, p. 634; **13**, Reddelin, Dissertatio de Tax. Baccata, Jenæ, 1794; **14**, Stapf, Archiv., 15, part 1, p. 187; **15**, Vogt, Pharmakodyn., 4th edition, vol. 2, p. 287, general effects of large doses; **16**, Jahn's Mat. Med., 3d edition, vol. 2, p. 1056, effects when given for suppressed menstruation; **17**, Fisher, ibid., effects; **18**, Dr. Mullan, Dub. Hosp. Gaz., May, 1845, p. 109 (Taylor on Poisons, 1845, p. 632), death of an insane man in fourteen hours after eating the leaves; **19**, James Taylor, M.D., Prov. Journ., 1848, p. 708, death of a girl, æt. five years, in four hours after eating the berries; **20**, John Lloyd, ibid., p. 662, death of a boy, æt. four years, in nineteen days after eating the berries and nuts. 21 to 26, Chevalier, Duchesne, and Reynel, Journ. de la Soc. Gall., 1856 (Brit. Journ. of Hom., 14, 415). **21**, Harmand de Montgarni, a man, æt. forty years, drank an infusion of 1 ounce of bark in 1 pint of white wine for quartan fever; **22**, a woman passed a night under one of the trees; **23**, a girl bruised the branches and drank the juice; **24**, one man ate a dozen berries, another ate twice as many; **25**, Ray; **26**, same, a woman drank a decoction of the leaves; **27**, Schroff, A. H. Z. M. B., 1, 48, 1859, Drs. Heinrich and Billberger took the alcoholic extract of the leaves in three doses of $\frac{1}{20}$th, $\frac{1}{10}$th, and $\frac{1}{5}$th drachms; **28**, Brit. Med. Journ., (Dublin Med. Press, new ser., 10, 1864, p. 476), a girl, æt. three years, ate the berries; **29**, James Thompson, Lancet, 1868 (2), p. 530, a boy, æt. three years, ate the berries, death in four hours; **30**, L'Imparziale of Florence (Pharm. Journ., 1870, p. 286), a girl took a decoction of the leaves every morning for three days, and an increased dose of 8 ounces on the fourth morning, death in eight hours; **31**, A. H. Newth, Med. Times and Gaz., 1870 (2), p. 446, death of a man from the berries; **32**, Drs. Ridder, Virchow, and Hirsch, Jahrsbericht, 1874, part 1, p. 489, poisoning of a girl of five months by the berries; **33**, P. M. Deas, Brit. Med. Journ., 1876 (2), p. 392, death of a woman, æt. forty-nine years, from the leaves; **34**, Prof. Redwood, Pharm. Journ., November, 1877, p. 361, death of a woman who took five or six doses of a decoction of the leaves, and with the last dose some chopped unboiled leaves; **35**, T. Whitehead Reid, Brit. Med. Journ., September, 1877, p. 442, a woman, æt. twenty-four years, having gone supperless to bed, chewed and swallowed three large mouthfuls (three small sprigs), at 7 A.M., of "T. fastigiata" (the Irish variety of Taxus baccata).

NOTE.—Cativolcus, rex dimidiæ partis Eburonum, ... taxo, cujus magna in Gallia Germaniaque copia est, se exanimavit. Cæsar. De bello Gallico. Liber VI, cap. 31.

Mind.—Died delirious,[30].—Remained imbecile during two months that the skin was diseased (after one month),[21].—She was as if intoxicated for two days,[22].—Anxiety,[15].—Impatient disposition, which scarcely allows of the least intellectual contest (thirteenth day),[3].—Oppression only in the daytime, especially when the stomach is empty or full (first day),[4].—Disinclination to mental work,[27].—Fell on the bed she was making,[23].—Partial unconsciousness (after six hours),[35].—[**10.**] State of profound stupor and helplessness,[23].—There was very marked improvement after the stomach was washed out, though even then she was prone to relapse into her former lethargic condition, and necessity arose for more active measures to keep her awake, though these again were soon able to be discontinued (after seven hours and a half),[35].—The patient's memory was a blank from 10 A.M. to 4 P.M.; she did not even recollect the stomach-pump (after three hours),[35].—Insensible,[19].—Coma,[20 29]; (after six hours),[35].

Head.—Vertigo. Vertigo,[15 16], etc.—Momentary vertigo,[9].—Giddiness,[18].—***General Head.*** Dulness of the head,[15 27].—Headache,[15 16]; (after fourteen hours and a half),[35].—[**20.**] The gardeners at Pisa could not remain more than half an hour at work trimming the trees without suffering violent headache,[25].—Slight headache with vertigo,[12].—Burning headache,[14].—***Forehead.*** Frontal headache, extending to the face, with tearing in the eyes and slight lachrymation (third day),[5].—Supraorbital and temporal headache on the right side, with lachrymation on the same side (after two hours and a half); aggravation at the slightest shaking from the cough (after five, six, seven to ten hours),[3].—Supraorbital headache, with appearance of brilliant revolving circles constantly before the left eye especially, together with a feeling of emptiness in the stomach at the approach of mealtime, mostly ceasing after eating,[4].—Fine sticking pains in the frontal region,[14].—Headache under the left orbit (after one hour and a half), with increased lachrymation some hours later,[4].—***Temple.*** Pressure in the left temporal region,[14].—***Parietals.*** Twinging headache in both sides,[14].—[**30.**] The pain in the head passed from the right to the left side in the same position and with the same characteristics (second day),[3].

Eye.—Eyes shut,[33].—***Orbit.*** Pressive pain over the eyes,[15].—Pressive pain in the orbital region,[27].—***Lids.*** Eyelids fell, and turned of a very dark color,[7].—Appearance of a small dry scab with red base, with very acute itching in a space about three lines in diameter, towards the outer canthus of the left eye (after eight hours),[4].—Smarting itching in both eyelids, relieved by rubbing (after one hour); this symptom occurred with all the provers, without redness or signs of inflammation,[3].—Very troublesome itching in the left outer canthus (first day),[4].—***Lachrymation.*** Copious lachrymation on using the eyes in the least, whether in the open air or indoors,[3].—Lachrymation of the left eye without pain (after one hour),[4].—***Pupils.*** [**40.**] Pupils very dilated,[19].—Pupils widely dilated, though they acted slightly to light (after six hours),[35].—Dilated pupils,[7 20 29].—***Vision.*** Obscurity of vision,[23].

Face.—Looked ill,[7].—Face puffy and pale,[1].—Countenance pale,[19 33].—Countenance pale and depressed,[20].—Pallor of face; lividity of lips and eyelids (after six hours),[35].—Facial muscles convulsed, chiefly on the left

side, the head itself being drawn to that side; the eyes were thrown up and the pupils contracted; the arms were also drawn up and there was great restlessness; the facial convulsions were similar to those in an epileptic fit, and ended in a few minutes in frothing at the mouth and stertorous breathing,[33].—[50.] Purplish lips,[7].—Lips, especially the upper, blackish brown,[1].

Mouth. — ***Teeth.*** Coldness in the upper incisors,[14]. — ***Tongue.*** Tongue coated,[27].—Tongue excoriated,[20].—Tongue moist and tremulous, stained of a uniform brown color (after six hours); the staining lasted four days,[35].—Biting heat of the tongue at the part in contact with the substance (immediately),[3].—***General Mouth.*** Dry mouth with the fever (after twenty-four hours),[5].—***Saliva.*** Secretion of saliva increased, and afterwards, especially from large doses, diminished,[27].—Increased secretion of saliva; he spits a great deal more than usual, and the saliva is extremely viscid,[8].—[60.] Thick saliva, salter than usual,[9].—Saliva sometimes so acrid as to make the mouth smart,[9].—Copious secretion of hot saliva, with the sickness at the stomach (third day),[5].—***Taste.*** Bitter taste like that of Quinine, but much less persistent (first day),[4].

Stomach.—***Appetite.*** Two hours after breakfast unwonted hunger, which, when satisfied, returns in an hour and a half (after five hours); this symptom, accompanied by general weakness and by uneasiness, with great weakness or sinking feeling in the region of the stomach, was especially troublesome during the two last days,[3].—Loss of appetite,[27].—***Thirst.*** Intense thirst (after eleven hours),[35].—***Nausea and Vomiting.*** Nausea, followed sometimes by mucous and saburral vomiting, rarely mingled with bile,[9].—Nausea and efforts to vomit,[27].—Retching, and complained of feeling ill,[34].—[70.] Sickness at the stomach, with copious secretion of hot saliva (third day),[5].—Began to feel sick (after one hour); vomited for the first time (after one hour and a half); vomited three or four times between 9 and 10 A.M. (after two hours); vomiting from time to time (after six hours); 9.30 P.M., the vomited matter had become duodenal in character, being more tenacious, and containing bile and food as well as leaves, the sharp points of which were well imbedded in mucus; she had vomited four times since 6 P.M. (after fourteen hours and a half); the vomited matter was neutral to test-paper,[35].—Vomiting,[7 18], etc.—The oldest vomited a little,[2].—Vomitings, which ended in death,[26].—Vomiting, purging, and tenesmus,[15].—Vomiting of mucus and of curdled grease,[11].—***Stomach.*** Greater activity of the digestive functions, and, in consequence, frequent need of eating,[4].—Feeling of emptiness in the stomach without hunger (after about an hour, second day),[4].—Pain in epigastrium,[31].—[80.] Pain in the pit of the stomach felt only on pressure (but that pressure the very slightest), which increases the oppression and excites a little short cough without expectoration (second day),[4].—Very distressing dull sensation in the stomach and abdomen, lasting several hours, with rumbling,[27].—Pinching and burning pressure in the epigastric region,[14].

Abdomen.—Borborygmi when fasting, and sometimes rumblings rising from the hypogastrium to the umbilicus (thirteenth day),[3].—Slight dull pain in the umbilicus (after one hour and a half),[4].—Pressure above the umbilicus,[14].—Uncomfortable distension as from eating too much,[14].—Rumbling in the abdomen, with dull pain, followed by an evacuation quite unusual at this hour (after half an hour, second day),[4].—Twinging and tension across the abdomen,[14].—Gripings in the belly of the oldest,[2].

Stool.—[90.] Purging,[20].—Diarrhœa, which is usually rather small in

quantity, and often accompanied with tenesmus,[9].—Slight diarrhœa without colic (from eating the berries of the yew),[10].—Looseness of the bowels, with tenesmus and insupportable smarting, during and after each stool or attempt at one (thirteenth day),[3].—Slight purging,[8 24].—Increased stools,[15].—Two stools (first day),[21].—Soft stool at a very unaccustomed hour (after a quarter of an hour),[4].—Soft stool (after half an hour),[6].—Stools partly pasty, partly liquid, usually painful,[27].—[**100.**] Natural stool, but at a very unaccustomed hour (after four hours),[3].—Hard and scanty stools all the time the remedy was acting (after eight hours),[4].—Hard difficult evacuation,[14].

Urinary Organs.—Cutting pain at the base of the kidneys, which allows him neither to sit still nor stand up, and even prevents him from turning himself in bed; it lasted thus two days, ceasing by degrees in about five days (after one hour),[6].—In the evening, and especially the next day, tenesmus of the bladder, with slightly smarting pain in the line of the frænum, in the urethra (second day),[3].—Frequent urging to urinate, the urine being emitted with difficulty in very feeble jets, though natural in color (fifteenth day),[3].—Difficult urination, frequently alternating with limpid urine,[9].—Great increase of urine,[15].—Increased secretion of urine, with increased desire to urinate,[27].—Strangury, urine red,[17].—[**110.**] She held her urine all day and until 6 the next morning; the urine, which measured 4 pints in the twenty-four hours on the fourth day, varied in specific gravity from 1011 to 1017, contained uric acid in abundance, with large crystals resembling cystin in appearance, as well as lozenge and halbert-shaped ones of all sizes; there were variable amounts of albumen and phosphates during the eight days it was examined,[35].

Sexual Organs.—Increased discharge from the genitals,[15].—Extreme excitement during an embrace, without stronger desire or any repetition of the act (fifteenth day),[3].

Respiratory Organs.—Cough excited by a deep respiration, with slight oppression, soon after dinner (after ten hours),[3].—Violent fatiguing cough,[14].—Increased expectoration from the bronchi,[15].—Respiration frequent,[20].—Breathing very hard,[34].—Breathing laborious and frequent,[19].—Breathing difficult,[29].—[**120.**] Respirations shallow, irregular, often sighing (after six hours),[35].

Chest.—Lungs engorged,[20].—Increased oppression and cough, which is accompanied at first by a pain under the xiphoid cartilage, aggravated by the least pressure on the latter; this symptom was never felt at all during the night, nor when there was any expectoration with the cough; it was more painful both before and after a meal (second day),[3].—Chest full and hot,[1].—Stitches in the left side,[14].

Heart and Pulse.—Irregular action of the heart,[18].—Rapid pulse,[15].—Pulse at first increased in frequency, afterwards sank below the normal; after three or four hours rose somewhat above the normal,[27].—Slow pulse,[32].—Pulse feeble,[19].—[**130.**] Pulse small and wiry,[20].—Pulse almost imperceptible,[33].—Very marked irregularity and depression of the heart's action, with a small thready pulse, at times imperceptible, at times frequent, of short duration, small volume, and diminished power; the heart's action was very feeble and undulating, its sounds indistinct, yet the ventricular systole not interrupted enough to cause a dicrotous pulse (after six hours); pulse regular as to rhythm, though not to frequency, beats varying between 80 and 96 (after fourteen hours and a half),[35].—The pulse remained very irregular in frequency (accompanied by sensations of "heart-stopping")

for three days, varying between 55 and 92; its rise was quick and volume diminished,[35].

Neck and Back.—Drawing in the left cervical muscles,[14].—Pain, which is neither continuous nor severe, in the upper part of the back (soon); pain increased (second day),[5].—Pain under the left scapula (immediately),[4]. —The pain under the scapula passes behind the kidneys (after one hour),[4]. —Cutting pain in the sacral region, which obliged him to support the kidneys, when walking (thirteenth day),[3].

Extremities.—Numbness of the limbs and paralysis,[15].—[**140.**] A numbness, with a kind of immobility, in the extremities, especially after several sweats,[9].—Pretty sharp, transient, wandering pains in the extremities,[9].

Superior Extremities.—Pain during exercise as well as rest, but more severe during exercise, seeming to occupy the olecranon process, and sometimes to leave this part for other portions of the same bone, always in the direction of its humeral extremity; this pain, although not very deepseated, evidently affects the bone, and seems to occupy the periosteum (first day),[4].—Pain felt both on movement and during rest, but worse on movement, appearing to occupy the olecranon process, and sometimes to leave this part of the elbow for other portions of the same bone, always tending towards its humeral extremity; this pain, although not very deepseated, evidently affects the bone, and seems to occupy the periosteum,[8].—Unpleasant dryness of the palms, which are also very warm (fourteenth, fifteenth, and sixteenth days),[3].—Immediately, or in a few minutes, pain in the joint of the first and second phalanges of the left middle finger (second day),[4].—Dull pains in the phalangeal joints of the right hand (second day),[3].—Rheumatic pain in the right forefinger, in the phalangeal articulations (third day); this pain lasted until the eighth day, not continuously, but returning often, and especially when the affected part was brought into the slightest contact with *even warm* liquid,[3].

Inferior Extremities.—Hip. Pain in the left hip, with internal feeling of heat, and, externally, of tearing and great coldness (fourteenth and fifteenth days),[3].—Moderate and superficial pain in the right hip and in the knee of the same side, felt more deeply, but not more severely, in the thigh, as a tearing, with coldness; it ceased in the night (after seven hours),[3].—***Knee.*** [**150.**] Pain of the same nature as at the base of the kidneys, but more violent, in both knees, especially in the left, ceasing at night, and passing then into the ankle-joint,[6].—Pain about the right kneepan (after one hour); pain in the left knee like that in the right, where it had ceased (after two hours and a half); these symptoms reappeared with an intensity which even disabled me from walking, the pain in the knee returning by starts, and impressing on the joint a feeling of extreme weakness, and sometimes of being suddenly bruised, with a cutting pain, which rendered locomotion quite impossible (thirteenth day),[3].—Crawling sensation in the right leg, extending to the sole of the foot, where it felt as though one were walking on a net,[14].—Sharp pinching, with circumscribed itching, in the middle of the left calf (after nine hours),[3].—Sudden shooting, almost as quick as lightning, close to and almost upon the phalangeal joint of the first metatarsus of the right side (first day),[4].—Crawling sensation in the whole left foot,[14].

Generalities.—All the hairy parts became denuded (after a month),[21]. —Secretions increased,[15].—Twice a slight tremor came over her frame (after six hours),[35].—Trembling, as at the approach of a fever, with dry mouth,

without thirst, and general uneasiness, all of which lasts a quarter of an hour (after twenty-four hours),[5].—[160.] Convulsions,[18 19 26 29].—Convulsions and death,[7].—Great uneasiness,[23].—Restless at times, turning from side to side, in bed (after six hours),[35].—Restlessness,[15].—Unsteadiness when at rest or sitting, and especially when standing quietly (thirteenth day),[3].—General feeling of uneasiness (thirteenth day),[3].—Uneasy (after two hours),[2].—Extreme exhaustion,[1].—Great prostration,[27].—[170.] Prostration and distension of the abdomen,[32].—Sudden prostration of strength,[18].—Prostration, with great oppression, after an embrace, the whole without pain or anxiety; this symptom, the last produced, after having resisted several attempts to remove it, yielded completely to the exhibition of Staphisagria, taken with this object (sixteenth day),[3].—Faintness,[33].—A kind of faintness, soon; a small quantity of brandy and other restoratives seemed to recover her, and she was then put to bed, a dose of castor oil being administered; she, however, relapsed into her former alarming state and death ensued,[28].—Fainted, became insensible, and was found on the floor in a state of collapse (after two hours),[35].—Symptoms of syncope (after six hours),[35].

Skin.—Two attacks of black jaundice very difficult to remove,[21].—The hue of the skin remains of a dirty leaden gray,[21].—Redness of the skin,[18].—[180.] Eruption of large and slightly prominent pimples, rather like plates, of a vivid red color, occupying the posterior and upper portions of both arms, with very acute itching (after one hour); eruption increased (second day),[5].—Body covered with pustules (after a month),[21].—When she awoke, next morning, her body was covered with a copious miliary eruption; on the third day the rash disappeared, and there was an abscess formed at the right knee, which broke on the eleventh day, and was followed by death on the fourteenth,[22].—The day following the first dose, and a few hours after the second, uneasiness towards the nose, on whose tip there appeared a large, round, and brownish-red spot, without pain or itching, only sensitive to pressure towards its centre, slightly prominent by reason of a small pimple which projected at this point, where, next day, without pain or irritation, desquamation began, which, by slow degrees, extended over all the violet-covered surface, and was completed in five or six days; finally, towards the evening of this same day, that is, about twelve hours after the second dose taken in infusion, a burning itching was felt in the inferior dorsal region of the right forearm, over a surface about an inch in diameter, and corresponding precisely to the outer part of the radio-carpal joint. This surface was rather redder and rougher than in the normal state, and the itching, of which it was the seat, alternated with a similar irritation, but much less severe, in the same portion of the left forearm. The next morning, in the same region, appeared on the right side a crowded mass of hard, round, and red pimples, whose branlike desquamation proceeded during next day and the day after, accompanied by very acute itching, while around this surface, where the skin had resumed its normal appearance and vitality, other similar pimples, but less numerous, arose and disappeared in like manner, with very acute itching, in the morning especially, and not at night, and were succeeded, in their turn, by another circle of similar pimples, reaching thus the dorsal region principally and the upper part of the right forearm. On the left side, three pimples of the same nature as the preceding, but whose desquamation was not followed by the production of other pimples, sufficed to keep up in this part for more than fifteen days, the itching of which it was the seat. To-day, even after lasting a month, the eruption on the right side still remains as troublesome as

ever,[6].—A large suggilation in the sole of the left foot, with pain on walking, followed by dark petechiæ over nearly the whole body; the face became puffy and pale, the chest full and hot, with great weakness, and after a few days, fever, with great swelling of the face and lips, which became blackish-brown, especially the upper lip, with extreme exhaustion, followed by death,[1].

Sleep.—Yawning without sleepiness,[14].—Yawned much (after two hours),[7].—Drowsiness for some hours,[9].—Seemed as if going to sleep,[7].—Deep sleep,[13].—[**190.**] Complete insomnia (thirteenth day),[3].—Sleep restless,[27].

Fever.—Chilliness. General coldness for some minutes, at 2 A.M., followed by dry heat in the hands, and especially in the feet, with general malaise; dry mouth without thirst, and then copious sweat on the forehead, which, in three hours, ended the symptoms (after twenty-one hours),[6].—Chilly and listless (after two hours),[7].—Coldness of the surface,[18 19].—Skin cold and clammy,[29].—Skin cold and bathed in perspiration (after six hours),[35].—Shivering over the whole body,[27].—Extremities cold,[20].—Unpleasant coldness of the skin of the thighs, especially in front, all day (fifteenth day),[3].—[**200.**] Temperature 98.3° (after fourteen hours and a half); never exceeded 99.9° for three days,[35].—***Heat.*** Fever,[1 15].—Dry heat with thirst,[15].—Heat in the forehead,[14].—***Sweat.*** Offensive viscid sweats, with smart itching and redness in the glandular parts at the surface of the body,[9].—Perspiration of a peculiarly offensive odor, with itching of the skin and eruption of vesicles,[15].—Sweating after the least exercise, with great weakness (thirteenth day),[3].—Profuse nightsweats,[14].

Conditions.—**Aggravation.**—(*Before and after each meal*), Oppression and cough.—(*Pressure*), Pain in pit of stomach.—(*Pressure on xiphoid cartilage*), Oppression and cough.—(*Deep respiration*), Cough.—(*Shaking from cough*), Headache.—(*When standing quietly*), Unsteadiness.—(*Warm liquids*), Pain in right forefinger.

Amelioration.—(*Rubbing*), Itching of eyelids.

TELLURIUM.

An element.

Preparation, Triturations of the precipitated metal.

Authorities. **1.** J. W. Metcalf, North Am. Journ. of Hom., vol. 2, 1852, p. 405, 1 grain 3d trit., at 5 and 9 P.M. (first day), same, at 6.30 and 10.30 A.M. (second day); (2 to 13, C. Hering, Am. Hom. Rev., vol. 5); **2**, C. Hering swallowed in water the part washed with alcohol from the mortar and pestle after triturating; **3**, Oscar Tietze took 3d trit.; **4**, a woman took 3d on going to bed (first day), in the evening (eighth day), in the morning and at 10 P.M. (ninth day); she had had many of the symptoms before the proving, but not lately, and not in such strength; some symptoms might be produced by her occupation as a teacher, and some might depend upon her age, forty years; **5**, Dr. Kitchen took 3d trit.; **6**, Dr. Gardner took 3d trit. evening and morning; **7**, Dr. Whitey took 2d trit., several grains night and morning; **8**, Dr. Gosewich took 12th, at 4 P.M.; **9**, through Dr. Gosewich, 1 drop of 6th pot. at 5 P.M.; **10**, through Dr. Gosewich, F., a woman took 6th in drop doses; **11**, Dr. Carroll Dunham took 1 grain 4th cent. trit. every night on retiring for about five days; two subsequent provings with same preparation, made within two years, repro-

duced substantially the same symptoms; **12**, Dr. Charles G. Raue took a few grains of 3d cent., at 10.30 P.M. (first day), 10 A.M. and 10 P.M. (second day), 1 grain at 12.30 P.M. (third day), 1 grain fasting (fourth morning); **13**, Prof. Wœhler, effects on himself of investigating Telluric ethyle; **14**, J. Y. Simpson, Month. Journ. of Med. Sci. (Pharm. Journ., vol. 14, 1855, p. 376), a dose was given to a student of divinity; **15**, Dr. Bunsen, Pacific Med. and Surg. Journ., 1869, experiments with the salts; **16**, E. W. Berridge, Am. Journ. of Mat. Med., vol. 9, 1876, p. 247, Dr. J. R. Croker took in the morning 3 globules 31st pot.

Mind.—During and after the proving, his disposition much more quiet; for generally he is much disposed to fly into a passion,[8].—Her disposition is particularly quiet, being otherwise very lively, anxious, and full of care,[10]. —He forgets and neglects much; also the writing down, and even the observing of the symptoms; it is all too much trouble to him; when thinking of the one, or of any business, he forgets everything else, and on account of this he neglects much that is necessary,[2].

Head.—Vertigo. The next morning while dressing, a very violent attack of vertigo, which became much worse after walking out; he could hardly stand; was compelled to lie down and to remain at home several days; the vertigo caused nausea; after eating rice he was obliged to vomit; at every motion while he was lying down, even when he turned his head, still more on sitting up, the vertigo returned; at the same time the pulse was more frequent; he had previously had similar attacks, also a severe one after Glonoin; on other occasions Aconite had always helped him; this time it did not, nor did Glonoin nor Belladonna; it gradually passed away after three or four days,[6].—A peculiar kind of vertigo every evening while getting asleep, about half an hour after going to bed, a sensation as if he were wafted and drawn forth very quickly in the direction of his legs; he was always wakened by it; it never returned later in the night; on the contrary, one night when he had gone to bed earlier than usual, about 8.30 P.M., the sensation appeared in like manner, about half an hour after he had lain down, and when he was first getting asleep; this vertigo kept coming for eight or nine days; was interrupted at one time by two days of quiet sleep, returned, and then ceased altogether,[3].—***General Head.*** When working quietly (sitting with the head bent forward), without any provocation whatever, a sudden rush of blood towards the head, with perceptible reddening of the face, recovering irregularly, but almost daily twice, now in the morning, now in the afternoon; this rush of blood recurred for about fourteen days,[3].—Dulness in the head (after three-quarters of an hour),[2].—Towards evening, dull headache over the whole head (second day),[12].—Dull headache and dulness of the head (first day),[3].—[**10**.] Head heavy, full, and sleepy (second day),[10].—On every movement the brain felt as if bruised,[9].—Headache, on several occasions, since he took the dose; to-day chiefly on the vertex (thirteenth day),[16].—In the afternoon, headache worse on the left side; at 6 P.M., worse in the forepart of the head (fourth day),[12].—Almost every remedy that he ever before proved gave him headache; this, however, did not,[8].—***Forehead.*** Some heaviness above the brows (fourteenth day),[4].—A peculiar pain in the head above the eyes, deep interiorly in a long line, like pressure from within outward, worse on the right side (after twenty minutes),[2].—Violent linear pain in a small spot above the left eye, behind the brow (after one hour),[2]. —Headache internally in the left sinciput, in a small spot; it presses there like a hazelnut (first night), continuing slightly through the morning

(second day),[2].—About 10 A.M., a pain above the left eye; it came suddenly and went as quickly; it seemed to have been caused by a sudden rush of blood thither; as it was passing off the pain was accompanied by a sensation not easy to describe, along the left side of the neck, as if the blood there had suddenly been retained in one of the large veins, or had streamed backwards; next followed a feeling in the stomach like weakness or faintness, and a pain in the left chest (tenth day),[4].—[**20.**] Some pain above the left eye after lying down (seventeenth day); now and then pain over the left eye (eighteenth day),[4].—Single pressure like stitches anteriorly at the forehead; the headache becomes more and more pronounced, and consists of that unpleasant pressure above the eyes which is commonly felt after having been awake for several nights (first day),[3].—***Temples.*** Dull pain for a short time in the head, above and behind the left ear (after one hour),[4].—Congestive headache in temples and forehead, on waking in morning; worse on stooping, when there was a feeling of weight in these parts; relieved for a time by lying down (third and fourth days),[16].—***Vertex and Parietals.*** Immediately a pressure upon a small place behind the vertex,[2].—External tensive headache over the whole left half of the head when lying on the right side, passing away when lying on the left side, in the morning (second and following days),[2].—***Occiput.*** A confusion in the head behind, at both sides, and worse towards the occiput,[2].—Sensation of numbness in the occiput and nape,[9].

Eye.—Right eye painfully hot, with excessive lachrymation thereof, continuing about fifteen minutes, about 5 P.M. (eleventh day),[16].—Watering of the eyes, with the coryza (seventh day),[12].—[**30.**] He wakened early with a pale red, dropsical, biting, itching swelling in the left upper eyelid, rather towards the inner angle; this swelling secretes some fluid (eighteenth day); after a few days a scab forms, the eye is worse, the globe also is reddened (twentieth day),[12].—Towards evening, in the left upper eyelid, towards the inner canthus, itching and pressure, as if a hair had grown in the wrong direction (thirteenth day),[12].

Ear.—Sometimes itching in the ear, with secretion of a thinner earwax than usual (sixth day),[12].—In the forenoon it seems to him as if his ears were suddenly stopped; about 10 P.M., sensation of obstruction in the ears; worse on the left side (sixth day),[12].—Sometimes, for an instant, a sensation as if air catches itself in the left Eustachian tube; on taking a pinch of snuff, and on eructation of wind, the air catches itself in the left Eustachian tube, as in a sac (ninth day); repeated several times (tenth day),[12].

Nose.—At 10 A.M., attack of sneezing, lasting several minutes; had this frequently after rush of blood to the head (fourteenth day),[4].—Afternoon, coryza has set in, it is dry (second day); after a few days it ran a natural course; it is only to be remarked that it appeared worse at irregular times,[5].—The whole forenoon the left nasal passage is stopped from the right one; slime is running off by the posterior opening (fifth day),[12].—Obstruction of the right nostril (seventh day),[12].—* *When walking in the clear, fresh air* (11 A.M. *to* 12 M.), **a fluent coryza develops itself, with hoarseness and watering of the eyes,** *with short cough and pressure in the middle of the chest, under the sternum; after being some time in the open air it goes away again* (seventh day); repeated (eighth day),[12].—[**40.**] On awaking, much thick slime in the nose; during the night he had breathed through the mouth; the nose sometimes stopped, sometimes free (eighth day),[12].—Coryza, with thick mucus (twentieth day),[12].—Sudden feeling of

painful dryness (as is felt on a fluent coryza being suddenly stopped, or on an abortive attempt to sneeze) in right side of nose and fauces, between 4 and 5 P.M.; it lasted three-quarters of an hour, when the right eye became painfully hot with excessive lachrymation thereof (eleventh day),[16].—Painful dryness (as is felt on a fluent coryza being suddenly stopped, or on an abortive attempt to sneeze) at back of throat for ten minutes, in the morning (thirteenth day),[16].

Face.—During the first week, and now and then during the following, a peculiar twitching and distortion of the left facial muscles, often when speaking; the left angle of the mouth is drawn to the left, and upward,[2].—After having been, during the forenoon, in sharp, cold air, slight burning sensation in the lips during the afternoon (second day),[12].—In the afternoon, burning in the middle of the upper lip (third day),[12].

Mouth.—Slight dull toothache on the left side, in teeth that had been filled with lead,[9].—The gums bleed so that the mouth is full of blood (eleventh day),[4].—**His breath had, for several weeks, the odor of garlic,*[13].—[**50.**] Sensation of coolness in the mouth and pharynx, as after having peppermint lozenges in the mouth, very distinct on drawing in the air (first day),[12].—A metallic earthy taste in the mouth,[9].

Throat.—In the morning, much secretion of slime from the posterior nares, of a saltish taste, like smoked herrings (third day),[12].—The slime in the posterior nares has been deposited as a yellow-reddish resin, which is hawked out in the morning (seventh day),[12].—Sensation of dryness in the throat, at 5 P.M. (fifth day),[12].—In the evening, sore throat, worse on the left side on empty swallowing (tenth day),[12].—Sore throat on empty swallowing, evening (eleventh day),[12].—A little rough, scratchy sensation in the throat, not passing off by swallowing (first day),[12].—A scratchy feeling in the throat, worse towards evening (nineteenth day),[12].—***Tonsils.*** Pressure at the tonsils (first day),[3].—***Fauces.*** [**60.**] In the morning, a prickly sensation of dryness in the fauces, worse on the left side; better after breakfast (fifth day),[12].—Sensation of dryness, involving the whole fauces, but worse on the right side (seventh day),[12].—Towards evening, dryness of the fauces (eighth day),[12].—The sensation of dryness in the fauces, worse on the left side, comes again in the morning, but is milder; while walking in the open air, and after doing so (11 A.M. to 12 M.) it ceases; in its stead the right side becomes painful, worse on empty swallowing; the pain at the same time extends into the right ear, which feels internally as if stopped; the sensation of dryness is always perceptible morning and evening (sixth day),[12].—The pain and sensation of dryness in the fauces go away when eating or drinking, during the entire proving,[12].—Feels his fauces and pharynx; has at times a strange sensation, as if round waves pushed against the pharynx below (after three-quarters of an hour),[2].—Prickly soreness in the fauces when swallowing; worse on the right side (seventh day),[12].—In the fauces above the larynx, an itching and a kind of burning, as if he had scalded himself with a hot drink, lasting several days,[7].

Stomach.—Appetite and Thirst. During the whole time, a good appetite and a disposition to drink a glass of beer oftener than common, which always tasted good; both later ceased,[3].—11.30 P.M., while going to sleep, sudden desire for apples, which makes him wide awake again (thirteenth day),[12].—[**70.**] No desire to smoke (first evening),[2].—***Eructations.*** Eructations tasting of the food,[9],—***Heartburn.*** Heartburn, a sensation of warmth, as after spirituous drinks, in the epigastrium and on both sides of the same,[9].—***Nausea.*** Nausea before the evening meal,

ceasing by eating, together with the headache (fourth day),[12].—Nausea caused by the vertigo; after eating rice he was obliged to vomit,[6].—Disagreeable sensation in the stomach; something comes up as far as the pharynx, as though a wet eructation were about to occur, but nothing comes up; finally, a difficult retching, then an accumulation of water in the mouth; after half an hour accumulation of water in the mouth, retching, then yawning,[2].—***Stomach.*** Feels empty and weak in the stomach, yet without appetite,[9].—A feeling in the stomach like weakness or faintness (tenth day),[4].—The disposition to become easily faint in the region of the stomach often recurred,[4].—In the forenoon, in school, she had always a fulness and oppression in the epigastrium and was obliged to loosen her clothes; ate much less; was obliged to lie down after eating, which, however, gave no relief; the oppression became, indeed, rather worse; the left thigh upon which she lay became numb and her feet cold; at last she took Nux vom., lay down again and then slept better (after four weeks),[4].—[**80.**] Singular contracting sensation in the epigastrium, as if the parts were folded together; when this sensation passed away, there remained a pain and soreness in the left side,[10].

Abdomen.—In the forenoon, when sitting, a burning in the right side of the hepatic region, and later, a heavy painful pressure,[6].—She was attacked in the right side of the abdomen, but worst of all, low in the back, which continued several days, with gnawing, *rubbing* pains in the abdomen,[10].—Pain in the left flank within the crest of the ilium,[5].—Very peculiarly stinking flatus, like a compound of hydrogen, such as he never smelled before (second day); after one week, the same once again, not occasioned by the mode of living,[2].—Pressure of incarcerated flatus under the last ribs, first on the *left* side, then on the *right*, an hour and a half after breakfast (third day),[12].—Fulness in the region of the upper part of the abdomen and of the liver,[5].—After supper, very full in the abdomen, but not bloated,[8].—General sensation of warmth in the abdomen, as after spirituous drinks,[9].—Sensation of numbness in the abdominal walls, as if it were in the flesh, began below the umbilicus on each side of the same, and extended around and upward to the ribs, while he lay on the sofa after supper,[9].—[**90.**] Frequent spasmodic pains in bowels, as if from incarcerated flatulence, chiefly in the afternoon (from fifth to ninth day); to-day, about 6 P.M., while eating, the spasmodic pain was excessive, with urging to stool; copious stool followed; after this no spasm, but only feeling of flatulence in bowels (ninth day); pains returned between 3 and 4 P.M., followed by copious stools, after which the pains went off (thirteenth day),[16].—About 10 P.M., pinching in the abdomen; better after passing wind (seventh day),[12].—About 8 A.M., pinching in the abdomen and stool, first thick, then diarrhœic (eighth day),[12].—Some dull pain low down above the pubic region, and anteriorly on both sides of the abdomen,[9].—Pain in the pelvis at the left side (after one hour),[4].—On the left side, in the region of the uterus, across, in the groin and towards the hip, violent stitches or cuttings (third day),[4].—Frequent stitching pains from the middle of the pelvis across towards the left side, in attacks (fourth and fifth days),[4].—After lying down, a throbbing on the right side, superiorly in the pelvis (ninth day),[4].—She put on a somewhat tight petticoat; this was very uncomfortable and caused a return of the pain in the left groin, which she had several weeks before (after five weeks),[4].

Rectum and Anus.—Blind hæmorrhoids (second day),[10].—[**100.**] After the stool, itching in the rectum (sixth day),[12].—For a few minutes,

itching at the anus,[9].—Inclination to stool without straining and urging (after half an hour),[2].

Stool.—Had, for weeks every morning, a stool, sometimes soft, sometimes harder, often with some blood. Since taking the Tellurium, also every day a second stool like the first, so every following day, for one week; later again, as had been the case some time before, every morning thin stool,[2].—Stool, first thick, then diarrhœic (eighth day); diarrhœic stool at 10 A.M.; after the stool urging in the rectum for awhile, with some burning; thereupon stronger retraction of the rectum (ninth day),[13].—No stool for two days; to-day, 11 A.M., a stool, not hard, composed of crumbs enveloped in some brown-reddish slime (fifth day); stool in the evening, the first part like that of yesterday; the last part softer (sixth day),[12].—Bowels costively inclined from the first (ninth day); still inclined to be costive; bowels act only every other day, and with some difficulty (thirteenth day),[16].—The next morning the customary stool was lacking,[9].—Constipation with much wind (second day),[10].

Urinary Organs.—Pain and sensation of soreness began after some time in the region of the kidneys; this extended downwards and over towards the abdomen, with a pressing-down, as if by a weight, which increased during the whole night; in the morning the kidney pain was still worse, especially the sensation of soreness,[10].—[**110.**] At the close of urinating, burning in the orifice of the urethra,[9].—Very frequent urging to pass water, and a very unpleasant sensation if she cannot yield to the urging (second day); sudden cold weather had formerly a similar effect upon her, but to a far less degree,[4].—Urine transparent, dark, easily evacuated, without pain,[9].—Urine acid, rather small in quantity (17.5 fluid ounces in twenty-four hours), deep red, sp. gr. 1030 (eighteenth day). The urine was analyzed several times during the proving, but no remarkable peculiarity was observed, except the great abundance of the coloring matter, hydrochloric acid developing a very striking change of color. The examination to-day gave: urine acid; high-colored; sp. gr., 1030; 22.5 fluid ounces in twenty-four hours.

Water,		930.10
Urea,	30.06	
Uric acid,	.80	
Fixed salts,	19.40	
Organic matters, etc.,	19.64	
Solids,		69.90
		1000.00

(twentieth day),[1].

Sexual Organs.—Male. He had erections all night, a thing which had never before happened to him,[5].—For one week a much more excited and powerful sexual instinct, but after that time this appeared to be entirely extinct; without any want of capability thereto, he renounces the indulgence for weeks without missing it,[2].—Sexual desire and power increased, for last week (thirteenth day),[16].—***Female.*** Menses appeared in the afternoon, one day too early (third day); the next menstrual period came three days too early; the first day the usual quantity, later less than usual,[4].

Respiratory Organs.—A sensation between roughness and pres-

sure in the region of the larynx, which generally provokes a cough, passes gradually into a pure tickling (first day),[3].—***Voice.*** Hoarseness with the coryza (seventh day),[12].—[**120.**] Hoarseness early in the morning, after rising (twentieth day),[12].—***Cough and Expectoration.*** A cough which often came on by day or night in slight attacks, with a wheezing in the larynx without becoming loose, especially after smoking, drinking, and much walking, or after going upstairs, came on again, and always towards morning, and with much violence; after a few days it became loose and then ceased; after taking cold it came again, and then ceased permanently, so that even taking fresh colds did not bring it on again,[2].—Cough and pressure in the middle of the chest, under the sternum (seventh day),[12].—Expectorates white mucus, which is easily discharged,[9].—***Respiration.*** Slight feeling of suffocation in the upper part of the throat,[9].

Chest.—Feeling as if some fluid wanted to discharge itself (pressing downwards) in middle lobe of right lung, for four or five hours, in the afternoon (second day),[16].—Bubbling in middle lobe of right lung for a few minutes, on three or four occasions, chiefly in afternoon (from ninth to thirteenth days),[16].—Pain in the clavicle,[9].—Slight stitches in the chest, transient, more on the left side (first day),[3].—Some pain in the middle of the sternum,[9].—[**130.**] Throughout the whole day, constant pain in the chest, anteriorly in the middle, sometimes extending backwards between the shoulders, and a dull unpleasant feeling in the head, especially above the eyes (tenth day),[4].—The pains change their locality more frequently this morning than yesterday; mostly on the left side of the chest, only now and then in the right chest and over the right eye; once or twice in the right shin (eleventh day),[4].—Stitching pains lasting from three to ten minutes, above the fifth rib, on the left side (first day),[3].—Some pressure in the left chest, above the first rib,[9].—Drawing, cutting pain around and in the left nipple, extending towards the scapula (first day),[3].—When lying on the left side, a throbbing sensation on the right side under the ribs, somewhat towards the epigastrium, as from wind balls, undulatory; in the morning it is as if, when lying on the right side, wind had accumulated in the corresponding spot on the left side; flatus does not pass off so freely in the morning as is customary, and the hitherto rather diarrhœic stool intermits; latterly the flatus became stinking,[3].

Heart and Pulse.—Præcordia. She got asleep, lying on the left side, and awakened once in the night with a dull pain in the region of the heart, which passed away when she lay upon the back (first night),[4].—Constant pain in the region of the heart (eighteenth day),[4].—Pain in the apex of the heart; she had something similar five or six years ago, but was then much more seriously affected,[4].—During the latter part of the proving, while having the pains in the heart, she had a great disposition to bend forward, even so as to lie upon the face without being able to go to sleep in this position, or without experiencing any relief from it,[4].—***Heart's Action.*** [**140.**] Palpitation of the heart and general throbbing through the whole body, with fulness of the pulse; after it had lasted an hour, copious sweat for an hour and a half,[9].—***Pulse.*** Pulse more frequent, with the nausea,[6].

Neck and Back.—Neck. With the pain above the eye, a sensation not easy to describe; along the left side of the neck, as if the blood there had suddenly been retained in one of the large veins, or had streamed backwards (tenth day),[4].—Sensation of numbness in the nape and occiput,[9].—When lying on the left ear, a kind of sharp pressing pain from the

neck into the left ear,[8].—***Back.*** Whenever she has no pain there is a sensation of weakness in the back, the whole day (ninth day),[4].—The pains in the back and chest are quite unusual; they were so continuous and so violent that the prover was compelled, by reason of them, to remain at home in the afternoon (eleventh day),[4].—***Dorsal.*** **During the second month of the proving, the* **spine, from the last cervical to about the fifth dorsal vertebra, became very sensitive, and the seat of a peculiar sense of irritation, which made the prover dread having the part touched or even approached**; *this dread was disproportioned to the actual sensibility of the part when pressed or rudely touched, for this sensibility was not really very great; from the vertebræ above mentioned, a peculiar irritation seemed to radiate upwards into the neck outwards into the shoulders, and forwards through the thorax to the sternum; the distress caused by this sensation was aggravated by fatigue, but only partially relieved by repose; it was great and very annoying, and lasted, as I remember, nearly two months,*[11].—Drawing and dull pressure at the right scapula; soon afterwards also upon the left (first day),[3].—Dull pain in the middle of the back between the shoulders,[9]. —***Sacral.*** [**150.**] Pain in the back at the upper end of the sacrum, which extended upward (eighth day),[4].—Pain in the sacrum, worse on stooping or when rising from a sitting or recumbent posture; the pain passes down in the right thigh in the direction of the sciatic nerve; it is, therefore, almost impossible for him to press when at stool; the pain in the sacrum and in the sacral ligaments was sometimes, when moving, like a stab with a knife,[5].—Early in the morning painful pressure or pain, as if beaten in the os sacrum, worse when stooping, but not ceasing on getting up again; it extends after a time into the renal region, abating by walking in the open air, but returning after a short time when sitting (fourth day),[12].—The pain in the sacrum begins again when standing in a stooping posture; is better when walking; worse when lying on the back; but when lying on the left side, it is worse towards the right (fifth day),[12].—The pressing across the sacrum comes again immediately on stooping, and becomes almost intolerable when the stooping posture is persisted in; the pains in the sacrum and leg cease by motion in the open air; increased when pressing at stool; also, when coughing and laughing, the pain then extends from the sacral plexus through the large foramen ischiaticum, along the great sciatic nerve down into the thigh; worse on the right side (sixth day),[12].—On pressing to stool, on coughing, and on laughing, aggravation of the pain in the sacrum, extending into the right thigh (eighth day),[12].

Extremities.—After supper he took a walk; on returning to the house, his knees, hips, elbows, and shoulder-joints were as if sprained and beaten,[9].

Superior Extremities.—At the anterior margin of the left axillary cavity, a sensation as if it were thicker, as if there were a round tumor internally, and painful on pressure and by motion; it went away without becoming a boil (fifth and sixth days),[2].—Sometimes tearing pains towards the elbow, and in the palm of the hand towards the thumb-joint (first day),[3].—Drawing, cramplike pain, apparently in the *supinator longus* of the left arm, just below the bend of the elbow, lasting half an hour (after fifteen minutes),[15].—[**160.**] In the left forearm and hand heaviness and sensation of numbness, about 10 P.M. (fifth day),[12].—Sensation, as if the skin of the hands, especially of the right hand, were contracted, from the tips of the fingers downwards, so that it seems as if, on extending the fingers, one must stretch the skin forcibly; at the same time in the ends

of the fingers a kind of sensation, as if dead (first day),[3].—Unpleasant drawing in the right hand, later involving the whole forearm (first day),[3]. —Soon, violent pressing pain through the metacarpal bone of the right fourth finger, beginning scarcely a minute later and increasing,[2].—Rheumatic pain in right little finger (excepting last joint), increased by strong pressure or movement of finger (fifteenth and sixteenth days),[16].—Pain in the first phalanx of the little finger of the left hand, as if he had fallen upon it; on touch and pressure no sore spot can be discovered; on moving it, it is painful (eleventh day),[12].

Inferior Extremities.—Dull pain, deep internally in the whole length of the right thigh; uninfluenced by change of position (after one hour),[4].—The left thigh upon which she lay became numb, and her feet cold (after four weeks),[4].—Very tired in the knees and lower legs; worse on the right side; the whole evening, drawing in the right leg posteriorly from the right posterior superior spinous process down to the calf; worse in the kneeholder; the drawing in the right leg and the tiredness after lying down (11.30 P.M.) are so hard, that for awhile it prevents him from getting asleep, and compels him to frequently turn and twist; the sleep is good, with amelioration of all the pains (fifth day),[12].—At the outside of the right knee anteriorly, a burning aching (after eighteen minutes),[2].—**[170.]** Pain in the right shin (eleventh day),[4].—Pain in the right metatarsal bone, as if the bone were pressed (after half an hour, and second day),[2].—A sharp pain passed quickly over the toes of the right foot, then into the heel (after one hour),[4].

Generalities.—Evolution of such a persistent odor, that for the remainder of the session, the patient had to sit apart from his fellow-students,[14].—**Restlessness*,[5].—In the morning, after deep sleep, with bad dreams, he felt heavy and dull,[9].—**Lassitude and weakness*, then pains in the elbows, ankles, and various parts, sharp and quick,[10].—Feels strange and singular in his whole body, but cannot describe the sensation (after three-quarters of an hour),[2].—The "first right, then left," was exhibited in several pains, which, however, were so fugitive and indistinct, for example, in the right side and shoulder, that he recorded nothing of them,[2].—Aching pains all over body, especially in limbs and scapulæ; worse on right side; worse on waking (fifteenth and sixteenth days),[16].—**[180.]** Walked to-day eight or nine miles, and felt the effects so sensibly that she stopped taking the Tellurium until the fatigue should have passed over (second day); she felt the effects of the walk more particularly in the shape of a sticking pain through both temples, a pain from hip to hip, and in both acetabula, for a whole day (third day),[4].—At 9 A.M. pains above the right eye after going out; the pain goes towards the temple; then in the flanks below the ribs, then in the right side of the pelvis, the right shin, then over the left eye, left ear, then into the right eye; at the same time she is chilly (twelfth day),[4].—The parts which had been attacked with pains, now pain as if beaten or sore (thirteenth day),[4].—The symptoms, especially the attacks which compelled her to lie down, were more violent the first Tuesday after taking the medicine, came again the two following Tuesdays, but with less violence. The fourth Tuesday she was quite free, but they came again on Thursday, and somewhat changed,[4].

Skin.—**About fifteen or twenty days after the first dose, the left ear began to* **itch, burn, and swell; there were aching and throbbing pains in the external meatus, and, in the course of three or four days, there was a copious watery discharge from the ear, smelling like fish-pickle; this**

discharge was acrid and caused a vesicular eruption on the lower lappet of the ear and on the neck, wherever it touched the skin; the inflammation of the ear generally was not vesicular; the color was a bluish red, and the ear had the appearance of being infiltrated with water; this eruption, which was very troublesome from its itching and burning, and from the copious, offensive, and acrid discharge, lasted for a long time; *if memory be not in error, nearly three months*,[11].—Pimples on the face (second day),[10].—**Little stinging prickings in various parts of the skin of the whole body, continuing all the afternoon and evening, and forcing me instantly to rub the spot* (first day); *came on again like flea-bites here and there, and lasted all day* (second day); *this pricking continued very troublesome at times, principally when at rest, for several weeks, but gradually subsided. A little spot of herpes circinnatus made its appearance a few days since on the forehead, perpendiculary above the external canthus of the right eye, and about half an inch above the eyebrow; I do not remember ever before to have had an eruption of the kind; it was at first a little cluster of globular vesicles, on an inflamed base, which dried into thin scales and spread by the circumference; it itches and pricks slightly* (eleventh day). *The herpetic spot is now circular, about half an inch in diameter, and consists of an elevated ring of vesicles, some larger than others, on an inflamed base, inclosing a depressed area of red skin, which desquamates, but contains no vesicles; it continues to itch slightly, and to furnish successive crops of thin white scales* (eighteenth day). *The troublesome stinging became very annoying the whole of the evening of this day, when sitting still, wandering all over the body. A herpetic spot, similar to the one on the forehead, has made its appearance on the left side, midway between the ribs and the crest of the ilium, accompanied by very troublesome itching, which changes into smarting on being rubbed; it forms about three-quarters of a circle, and is rather irregular; there are indications of another spot just above it* (nineteenth day). *For the last week the stinging in the skin has been much less, but it is succeeded by a constant itching of the scalp, which requires continual scratching; the itching is apparently due to an eruption of little fine vesicles upon a slightly-inflamed base, which, after remaining a few days, dry up and fall off in little white scales; they are most plentiful on the occipital scalp, on the nape in the borders of the hair, and on the posterior surface of the auricles; this itching has been constant and very annoying for a week, and bids fair to continue; the spot on the forehead is breaking up, there being several gaps in the ring, which is now three-quarters of an inch in diameter; just above it another spot has appeared, precisely similar, but smaller* (forty-third day). *The eruption has nearly disappeared from the head, and the itching has ceased almost entirely; the spot on the forehead is no longer to be discerned, the skin being scarcely reddened where it existed; the new one is slightly increasing, and forms about two-thirds of a circle, but it is not as vigorous as its predecessor; the spots on the side have disappeared; I still have occasional stingings in the skin, but rarely* (forty-ninth day). *The spots have all gone, and I have no further symptoms* (fifty-sixth day),[1].—After a few days, an eruption; small red papules, which itch very much, on the abdomen, on the inside of the thighs, and on the perinæum; the itching is worse in cold weather,[8].—In the afternoon, a prickling itching at the scrotum; worse on the right side; then on the inside of the left thigh, high up; then low on the right side of the abdomen; then on the left side; later between the buttocks (second day),[12].—**After two or three days an eruption makes its appearance, such as he had never had; small red pimples, very bright red and very sharply defined, with minute*

vesicles upon them, first on the lower extremities, then also upon the upper, **most on the left side**; *they began first on the outside of the calves, and then on the inside of the forearms, above the wrist, and spread from that point, caused very severe itching, day and night,* **but worst at night after going to bed,**[7].—[**190.**] **After about five days, there appeared on the left hand small red points, shining through the skin, which sometimes itch; the feet also itch, especially the left one, as though there were some heat-vesicles there;* after the lapse of several days, there appeared, first on the calves, and then extending up to the thighs, similar small red isolated points, which itch, like those on the hand; the itching is especially in those spots where the skin perspires most; the abdomen seems not to be affected; but, after a few days, a number of similar pimples, itching like the others, appear in the epigastrium; on rubbing the parts that itch, these points become more visible; the itching is not unlike that caused by bed-bugs; from the epigastrium the eruption extends towards the left nipple, and lingers here as well as at the epigastrium longer than on the before-mentioned localities, and it finally turns towards the left axilla; at the same time also it itches in various parts of the back; meanwhile a spot is remarked on the right side of the forehead, which is sore when pressed upon, as if a blow had once been received there, which he does not remember to have been the case, neither is there any red or blue spot to be seen; the itching now begins at the head, only at the posterior and superior parts, not towards the anterior part; the itching at the head lasts about fourteen days,[3].

Sleep.—Yawning after the retching,[2].—Early in the evening sleepy; went to sleep while sitting (after one hour),[2].—The sleepy heavy condition, in which he was for several days before he began the proving, has vanished; instead thereof, a feeling of restlessness on going to bed,[9].—Wakened with sweat about 4 A.M. (seventh day),[12].—He dreamed at night of smoking cigars, a thing he never does,[6].—Nightmare,[10].

Fever.—Chilliness. Chilly (twelfth day),[4].—Internal chilliness with single shudderings (first day),[3].—***Heat.*** Skin hot and dry; sensation as if overstrained, as if bruised, as if he had taken cold after severe exertion,[9].—[**200.**] Sinciput hot (eleventh day),[4].—An hour and a half after dinner, heat in the face (eleventh day),[4].—***Sweat.*** General warm perspiration over the whole body, when seated writing, the afternoon being cool and a fine breeze blowing into the room (first day),[15].—Copious sweat for an hour and a half after the palpitation,[9].—In consequence of taking cold, he got into a very profuse perspiration during the night, and the sweat gave out the offensive Tellurium odor to so great an extent, that it was hardly tolerable, a phenomenon which he had opportunity to observe a second time during the course of this work,[13].—Imparts to the perspiration a most offensive odor; he was obliged to absent himself four weeks from society on this account,[15].—For six weeks continued sweat of the feet, especially anteriorly at the toes, somewhat ill-smelling,[2].

Conditions.—**Aggravation.**—(*Morning*), On lying on right side, headache over left half of head; dryness of fauces.—(*Forenoon*), Fulness and oppression in epigastrium.—(*Afternoon*), Pain in bowels; bubbling in middle of right lung.—(*Evening*), When getting asleep, vertigo; sore throat; dryness of fauces.—(*Towards morning*), Cough.—(*Open air*), Coryza.—(*Coughing*), Pain in sacrum.—(*Drinking*), Cough.—(*Fatigue*), Irritation in spine.—(*Laughing*), Pain in sacrum.—(*Lying on back*), Pain in sacrum.—(*Motion*), Pain in left axillary cavity,—(*Pressure*), Pain in left axillary cavity; pain in little finger.—(*Pressure to stool*), Pain in sacrum.

—(*Rising from sitting*), Pain in sacrum.—(*Sitting up*), Vertigo.—(*Smoking*), Cough.—(*Stooping*), Headache in temples and forehead; pain in sacrum.—(*Swallowing*), Pain in right side of throat.—(*Walking*), Vertigo; cough; aching over body.—(*Cold weather*), Itching.

Amelioration.—(*Eating or drinking*), Pain and dryness of throat. —(*Walking in open air*), Pain in sacrum.

TEPLITZ.

The mineral waters of Teplitz, in Bohemia.

Analysis of Haupt and Frauen-bad-quelle, by Ficinus and Wolf.

In 16 ounces are found:

Sodium carbonate,	2.284 grs.	Lithium carbonate,	0.018 grs.
" chloride,	0.433 "	Ferrum "	0.037 "
" fluor-silicate,	0.130 "	Strontium "	0.019 "
" phosphate,	0.001 "	Calcium "	0.325 "
" iodide,	0.056 "	Magnesium "	0.053 "
Potassium sulphate,	0.434 "	Silica,	0.312 "
" chloride,	0.105 "	Alumina,	0.022 "
Manganum carbonate,	0.080 "		

Temperature 39° R.

Authority. Dr. Perutz, Die Thermalbäder zu Teplitz und ihre Heilkräfte, vom Standpunkte der Homœopathie aus betrachtet (Brit. Journ. of Hom., vol. 15, 1857, p. 11), experiments on himself and on several healthy individuals, also symptoms by Hromada.

Mind.—Anxiety.—Irritability with disposition to weep.—Bad spirits and absence of thought.—Indisposition to work of all kinds.—Weakness of memory.

Head.—Confusion and Vertigo. Confusion of head with aching over eyes.—Vertigo and faintness.—Vertigo with feeling of paraplegia. —Vertigo, as if from taking alcoholic drink.—[**10.**] Vertigo, with noise in the ears and dimness of vision.—Vertigo with staggering gait, as if slightly intoxicated.—***General Head.*** Weight and confusion of head.—Headache.—On moving the head a pain in it, as if something fell from one side to the other, with weakness of memory.—Tearing in the head with pain in the throat, so that he could not breathe freely.—Tensive-stretching headache, as if the head would burst.—Shooting in various parts of head.—Severe cold in the head.—***Forehead and Temples.*** Frontal headache with inclination to vomit.—[**20.**] Tearing in temples and occiput.—Burning pain beginning in the right temporal bone and extending to the right concha and cheek.—Throbbing headache in right temple with swollen red face.—***Vertex and Occiput.*** Throbbing headache in the vertex.—Aching in occiput.—***External Head.*** The hair falls out much. —Large, soft, movable lumps on the head, as big as pigeons' eggs, with erysipelas in the face.—Eruption of vesicles on the scalp.—Soreness of the hairy scalp, so that every hair causes pain when touched.

Eye.—Both eyes are closed up, in the morning, with white viscid mucus.—[**30.**] Feeling of dryness in the right eye and dimness of vision.—Aching and burning in the eyes.—***Lids.*** Redness and erysipelatous swelling of the lids.—On the right eyelid two styes, that disappear without sup-

purating.—Cramp pain in the upper lids, so that they could only be opened with the hand, but when the hand was removed they immediately closed again.—***Lachrymation.*** Lachrymation.—***Conjunctiva.*** Inflammation of the conjunctiva of the eyelid and ball of the eye.

Ear.—Swelling of the left concha with erysipelatous inflammation.—Purulent discharge from the ear.—Pain in the interior of the right ear, as from a red-hot coal.—[**40.**] Tearing-shooting pain first in one ear, then in the other.—***Hearing.*** Dulness of hearing with sensation as if something stopped the ears.—Noises in the ears.—Roaring in the ears.

Nose.—Frequent flow of mucus from both nostrils.—Aching over the root of the nose.—Prickling and feeling of dryness in nose.—Frequent and profuse epistaxis.

Face.—Swollen red face with throbbing headache in right temple.—Swelling and paleness of the face.—[**50.**] Drawing and tearing in face.—In right side of face, from forehead to lower jaw, tearing, with drawing of the jaw awry and difficult speech.

Mouth.—Teeth. Raging toothache; the right cheek and lower jaw were drawn towards the left side, preventing proper speech.—Violent toothache, as if all the teeth were suddenly pierced with a hot iron.—Violent boring pain in the upper molars.—Sensation as if the upper and lower incisors were lengthened and inability to chew with them.—Tearing through both rows of teeth.—***Gums.*** Frequent bleeding of gums with loosening of teeth.—***Tongue.*** Spasmodic protrusion of the tongue with inability to speak.—Paralysis of tongue; in spite of the utmost efforts he cannot move it in the slightest degree; this lasts eighteen minutes.—[**60.**] Swelling of tongue with profuse secretion of saliva.—Vesicles on back of tongue with burning pain in throat.—White coating on tongue with insipid taste.—Yellow-coated tongue with bitter taste.—Moist tongue.—Heaviness of tongue on speaking, as if paralysis were commencing.—***General Mouth.*** On the inside of right cheek several small vesicles, which burst and form ulcers.—Dryness of mouth with burning of tip of tongue.

Throat.—Pain in throat without redness.—Aching pain in swallowing without visible alteration in the affected organs.—[**70.**] Tearing-drawing pains in muscles of throat and stiffness of neck.—Swelling of uvula and tonsils with difficulty of swallowing.—Swelling of cervical glands.

Stomach.—Appetite and Thirst. Canine hunger, soon satisfied, and followed by stomachache.—Variable appetite, at one time great hunger, at another no appetite.—Dislike of animal food.—Anorexia.—Anorexia with feeling of fulness in pit of stomach.—Anorexia with eructations and sour taste.—Anorexia with white viscid coating on tongue.—[**80.**] Thirst.—***Heartburn.*** Heartburn with flow of much water into mouth.—***Nausea and Vomiting.*** Nausea and faint feeling.—Nausea with some vomiting.—Nausea and inclination to vomit, but not actual vomiting.—Inclination to vomit with frontal headache.—***Stomach.*** Aching in stomach, extending through to back.—Pain in stomach with burning rising up into the the throat, as if a red-hot coal lay there; it is relieved by drinking cold water.—Sensation as if the stomach were full of water; it seems to splash about when walking.—Full feeling in stomach with great development of wind and eructation.

Abdomen.—Hypochondrium. [**90.**] Shooting in right hypochondrium, especially on drawing a full breath.—***Umbilicus.*** Tearing pain in umbilical region.—***General Abdomen.*** Tense swollen abdomen with discharge of much flatus.—Rumbling in the abdomen without

distension or discharge of flatus.—Feeling of weight in abdomen and pressure down towards genitals.—Cramplike contraction of recti muscles.—Colic pains with discharge of bright-red blood by stool.—Tearing pain in abdomen from both sides towards the navel.—Soreness of abdominal muscles.—***Inguinal Region.*** Swelling of inguinal glands.—[**100.**] In right inguinal ring a swelling as large as a hen's egg, which disappears entirely in a few hours.

Rectum and Anus. — Profuse hæmorrhoidal hæmorrhage with great relief to the symptoms.—Passage of whitish viscid mucus by anus.—Painful piles with violent burning in the anus.—Burning in rectum, with evacuation of a viscid secretion mixed with blood-streaks.—Itching in perinæum with production of a humid eruption.—Frequent urging to stool without evacuation.

Stool.—Several thin frothy stools with burning in the anus.—Hard stool with discharge of bright-red blood.—Constipation.—[**110.**] Constipation, for several days, with nausea.—Constipation, with pain in the small of the back and heaviness of the lower extremities.

Urinary Organs.—Urethra. Flying shoots in urethra.—Burning in anterior part of urethra.—***Urine.*** Copious flow of urine.—Scanty jumentous urine.—Retention of urine; he could only pass it by drops and with violent burning in urethra.—Urine as clear as water, with frequent call to pass it.—White slimy sediment in urine.—Reddish brickdust sediment in urine.

Sexual Organs.—Male. [**120.**] Several vesicles on glans penis, containing clear water, bursting on the second day and leaving a spreading sore, which heals on the fifth day.—Suppurating eruption on glans and scrotum, leaving blue marks.—Painful swelling of both testicles without inflammation.—Drawing in right testicle and cord.—Increased sexual desire with lively dreams.—***Female.*** Milk-white leucorrhœa, like boiled starch.—After violent tearing pains in abdomen, the catamenia occurred a fortnight before the right time.—After pain in hypogastrium, as if everything would be forced out below, the catamenia, which had never appeared, occurred very copiously.—Metrorrhagia, with frightful tearing pain in abdomen; the blood is quite black and coagulated.

Respiratory Organs. — Larynx and Trachea. Aching pains in larynx, worse when not swallowing than when swallowing.—[**130.**] Feeling of dryness and roughness in larynx.—Feeling of tickling in larynx, causing constant tussiculation.—Severe catarrh of the trachea.—Raw feeling in the trachea.—Burning in trachea, with expectoration of lumps of viscid mucus.—***Voice.*** Hoarseness, almost amounting to loss of voice.—***Cough and Expectoration.*** Cough.—Dry short cough.—Cough and pain in chest, without implicating respiration; at the same time sore throat, without redness, with moist tongue, headache, and tearing in hands and feet.—Suffocative cough, with considerable but difficult expectoration, without the slightest pain; it disappears very gradually, when itching on the body occurs.—[**140.**] Cough, with expectoration of viscid yellow mucus.—Nocturnal cough, with copious expectoration of mucus.—Violent cough, with enormous expectoration of a gray color, which only disappears when an eruption appears.—***Respiration.*** Oppression of breathing, as from great rush of blood to the chest.

Chest.—Oppression of chest, especially on going upstairs, with a feeling of heat mounting.—Cramplike contraction in chest.—Shoots in intercostal muscles. — Tearing in pectoralis major up to shoulder.—Pain in

chest.—***Front and Sides.*** Burning beneath sternum.—[150] Pressure and weight in the centre of the chest, which becomes worse on breathing deeply.—Shoots in right side of chest, obstructing respiration.—***Mammæ.*** In right breast, two lumps as large as hazelnuts, with dull pain.—Fine pricks, as with needles, in the right breast.

Heart and Pulse.—Præcordia. Violent shoots in heart.—***Heart's Action.*** Violent palpitation, with tearing and shooting in heart.—Very quick and painful beating of heart.—Irregular, intermitting pulsation of heart.—***Pulse.*** Quick, hard pulse, with confusion of head, and thirst.—Quick, full pulse, with palpitation.

Neck and Back.—Neck. [160.] Bruised pain in nape and back.—Tearing and drawing pain in nape, with stiffness.—Shooting in right side of neck to the ear.—Shooting pains along spinal column, from nape to lumbar vertebræ, preventing the slightest movement; they lasted eleven days.—***Back.*** Drawing pains down back to sacrum.—***Dorsal.*** Pressive pain in scapulæ.—Tearing drawing pain in scapulæ.—Between the shoulders and on both arms a pain as if insects were gnawing it.—Shoots between the scapulæ, with oppression of breath.—Dull pain in the region of the last dorsal vertebræ, worse when pressed.—***Lumbar.*** [170.] Pain in small of back, worse on every movement.—Violent pain in small of back, with difficulty of moving legs.—Drawing in small of back, extending to calves.—Drawing pain from small of back into pelvis.—Aching and stitches in the loin, which extend to the spine, with difficulty of breathing.

Extremities.—Weariness and heaviness of the limbs.—Tearing, drawing, and shooting pains in the limbs, especially in their joints.—Tearing in hands and feet.

Superior Extremities.—A kind of paralysis in right arm, which the day before was quite well; he cannot move it without the assistance of the other arm.—Paralytic feeling in both arms, with creeping in tips of fingers.—[180.] Sleeping of arm, with coldness of it, and dull feeling in tips of fingers.—Violent pains in both arms, with three red elevated spots that broke on the twelfth day, discharged much matter, and looked exactly like syphilitic sores; continued open eight days, and then healed up.—Bruised pain in whole arm.—Tearing pain in whole arm, with contraction of elbow-joint.—Jerking tearing from the shoulder-joint to the fingers.—***Shoulder.*** Stiffness in the left shoulder-joint, with difficulty of moving the arm, especially backwards.—In right shoulder-joint, a violent, ever-increasing pain, at one time tearing and shooting, at another aching and burning; the fifth day it went down to the fingers and bent them so spasmodically into the palm of the hand that they could not be opened.—Pain as of dislocation in shoulder.—Paralytic feeling in shoulder, with leaden heaviness of whole arm.—Tearing and shooting alternately in shoulder and elbow-joints.—[190.] Violent tearing in shoulder, at night, which disappears by external heat and friction.—Burning or shooting in axilla.—***Arm.*** Shining red swelling of right upper arm, with shooting pain in it.—Dull pain, with cold feeling in both upper arms, as if a cold wind blew on it.—Pain deep in middle of upper arm, with swelling of bone in three different places.—Feeling of soreness and bruise in left upper arm.—Violent boring pain in humerus.—Cramplike jerking in muscles of upper arm.—Tearing pain in right upper arm, preventing all movement of it.—***Elbow.*** Swelling and tearing pain in right elbow.—[200.] Cracking in elbow and wrist.—In bend of elbow, a feeling of contraction, so that the arm cannot be fully stretched out.—Frequently recurring shoots through

elbow-joint.—Burning pain in bend of elbow, with slight redness of skin.—***Forearm.*** The left forearm as if paralyzed, relieved by friction.—Tearing pain from middle of forearm down to fingers, which are contracted.—***Wrist.*** Redness, swelling, and violent pains, with immobility of wrist-joint.—Sprained feeling in right wrist.—Drawing pains in wrists and finger-joints.—***Hand.*** Trembling of hands.—[**210.**] Œdematous swelling of dorsum of left hand.—Soft, painless gout-nodes the size of hazelnuts on dorsum of both hands.—Burning in palms.—Sleeping and coldness of hands.—***Fingers.*** Fine shootings, with swelling of finger-joints.—Cramp-like contraction of fingers.—Tearing pain in fingers, which are swollen in places.

Inferior Extremities.—Hip. Stiffness and immobility of hip-joint.—Pains in hip-joint, with feeling as if the leg were too long; when he treads the bone seems out of joint.—Bruised pain in both hip-joints.—[**220.**] Violent tearing from hip to knee.—Burning pain in hip-bone, worse particularly at night.—Shooting in hip-joint.—***Thigh.*** Aching pain in thigh, as if a broad iron band were firmly bound round it.—Intolerable aching in thigh-bone, with cold feeling, but without external coldness.—Crushed feeling in head of thigh-bone.—Pain in thigh when walking, as if it would break.—Paralytic pain in thigh impeding walking.—Numbness in thighs and legs.—Cramplike jerking in muscles of thigh.—[**230.**] Drawing-tearing pain in thigh down to knee.—Tearing in glutei down into thigh.—Feeling in thigh as if the flesh were hacked off the bone.—***Knee.*** Swelling of the knee-joint, with stiffness.—Cracking in knee-joint on moving it.—Aching pain in patella.—Shooting pain through knee-joint.—Continued burning in left knee-joint.—***Leg.*** The left leg swells in the middle a little; the swelling increases and is the seat of throbbing pain; after eighteen days the place bursts, and the wound thereby occasioned, and the swelling of the bone increased daily; in twenty days it was healed again.—Bruised pain in legs.—[**240.**] Deep boring pain in middle of tibia, worse at night.—Cramp in calves after moderate exercise.—On going to sleep, frequent cramps in the calves and thighs.—Tension in tendo Achillis, preventing him from putting his foot to the ground.—***Ankle.*** Erysipelatous inflammation of left ankle and top of foot.—Aching pain deep in bone of left ankle, extending up to knee; when it becomes very violent the foot becomes stiff.—Feeling of sprain and stretching of ankle-joint.—Violent tearing in ankles and toes.—Cutting pain in ankle-joint, when walking.—***Foot and Toes.*** Heaviness and weariness of feet.—[**250.**] Tearing pain in dorsum of foot, extending over the shin-bone.—Weariness and burning in soles, as after a forced march.—Great burning in heels.—Swelling and painful tearing in great toe.—Shooting jerking in great toe.

Generalities.—On awaking, weariness, heaviness in the limbs, and confusion of the head.—Increased sensitiveness to draughts.

Skin.—Objective. Redness of skin, with increased turgor.—Turgor of the skin, with profuse perspiration.—Scarlatina, like redness on the left side of the chest, disappearing on pressure of the finger.—[**260.**] Miliary rash on different parts of the body, most frequently on the extremities and chest.—Scaly eruption covers the left half of the face, extending to behind the ear.—Eruption on the chin of pustules as large as peas, which regularly burst on the second day, form scabs, and leave white marks.—Pustular eruption at the commissures of the mouth.—Pustular eruption on scrotum.—Eruption on the chest, like a kind of scabies pustulosa, with violent smarting.—Miliary rash on the chest.—Eruption on the chest, like scabies

pustulosa, with violent griping pain.—Eruption of small pimples over the whole back, that occasion severe burning pain, nothing of the sort on the front of the body.—Miliary rash on right shoulder.—[**270.**] Eruption round right elbow, like a scab, with violent pain and much suppuration, heals after twelve days and leaves no mark behind.—An eruption in left popliteal space that spreads over the middle of the calf.—On both ankles, a miliary rash, with shooting pains in metatarsal bones, and slight swelling of them.—Vesicular erysipelas in face.—Vesicular eruption on the upper lip (herpes labialis), which dies in a few days and forms yellow scabs.—Vesicular eruption in upper third of internal surface of thigh.—Blisters on both legs, like erysipelas bullosum.—Three or four ulcers form on the legs, beginning with burning pain, then breaking and spontaneously healing again.—Small furunculi that suppurate.—***Subjective.*** Prickling in various parts.—[**280.**] Prickling as with needles, especially in extremities.

Sleep.—Sleepiness.—Sleepiness by day.—Restlessness and tossing about in bed.—Frequent jerks in the act of falling asleep.—Uncomfortable dreams at night.—Lively dreams, with increased sexual desire.

Fever.—Chilliness. Great chilliness.—Shuddering.—Coldness and deficient sensibility in thigh.—[**290.**] Rigor alternating with increased temperature of the body.—Cold feeling in shoulder, as if a cold compress lay on it.—***Heat.*** Sensation of prickly heat, followed by moderate perspiration.—Sensation as if warm water were running down the back.—***Sweat.*** Copious perspirations.—Sour and mouldy-smelling sweat.

Conditions.—**Aggravation.**—(*Night*), Pain in hip-bone; pain in tibia.—(*Breathing deeply*), Pressure and weight in chest.—(*Going upstairs*), Oppression of chest.—(*On going to sleep*), Cramp in the thighs and calves.—(*Moving head*), Pain in it.—(*Moving knee-joint*), Cracking in it.—(*Motion*), Pain in small of back.—(*Swallowing*), Aching pain.—(*Walking*), Pain in thigh; cutting pain in ankle-joint.

Amelioration.—(*Friction*), Paralyzed feeling in left forearm.—(*Cold water*), Pain in stomach.

TEREBINTHINA.

Oil of Turpentine.

Obtained from various species of conifers. The various oils of Turpentine differ in physical and chemical properties according to their different sources. French Turpentine is obtained from Pinus maritima, Venetian from Pinus larix, American from Pinus tæda.

Preparation, Dilutions with pure alcohol.

Authorities. (1 to 9 from Hartlaub and Trink's Annals, 3, 118.) **1**, Seidel; **2**, Woost; **3**, Act. Wratisl., p. 365; **4**, Badnische Annalen der ges. Heilkunde, 2, 2, p. 67; **5**, Ermisch, in Hufel. Journ., 61, Suppl., p. 142; **6**, Pommer, Hufel. Journ., LX, 5, p. 3; **7**, Purkinje, Neue Breslauer Samml., 1; **8**, Raumbach, in Rust's Mag., 21, 2, p. 269; **9**, Kæler, Richter's Chir. Bibl., 15, 3, 471; **10**, John Stedman, Med. Essays and Obs., vol. 2, 1771, p. 42, a woman, æt. sixty-one years, took an unknown quantity of the ethereal oil for rheumatism; **11**, same, a woman took 2 drachms of the oil in warm ale; **12**, George Hayward, M.D., New Eng. Journ. of Med. and Surg., vol. 8, 1819, p. 109, a man took for tapeworm a cathartic of submuriate of Merc. and Rhubarb, and then 1½ ounces of spirits of Turpentine, twice, without unpleasant effects; after expulsion of many pieces of

worm he took a tablespoonful of Turpentine; **13**, William Money, Med.-Chir. Rev., 1822–3, p. 452, a man took a drachm of the oil early in the morning; **13** *a*, four days afterwards, same, took another drachm, and after forty minutes repeated the dose; **14**, Sunderling, Arzm. A. H. Z., 9, 79; **15**, Prof. Graves, Lond. Med. Gaz., October, 1838, p. 109, a man took for tapeworm 3 ounces of spirits of Turpentine; **16**, Hufeland's Journ., 91, 100 (A. H. Z., 20, 208), effects on the crew of a ship laden with Turpentine; **17**, M. Raspail, Med. Times, vol. 9, 1843, p. 15, effects on a woman of the odor of spirits of Turpentine; **18**, Trousseau and Pidoux, vol. 2, p. 563, effects of 1 drachm; **18** *a*, same, general effects; **19**, Copeland, A. H. Z., 32, 29, took, fasting, at 8 A.M., 10 drops of the oil in coffee; **19** *a*, same, general effects on patients; **20**, Dr. Colton, New York Journ. of Med., 1850 (2), p. 323, effects on a seaman, æt. thirty-eight years, on a ship laden with Turpentine; **21**, Dr. T. Smith, Lond. Journ. of Med., April, 1850 (Am. Journ. of Med. Sci., 1850 (2), 158), a boy took ½ ounce of the oil; **22**, Frederick H. Johnson, Med. Times, new ser., vol. 3, 1851, p. 380, M. M., æt. eighteen months, swallowed about a tablespoonful of the oil; **23**, Bouchardt, of Paris, A. H. Z., 46, No. 24, effects of the fumes; **24**, Dr. Demeures (d'Alby), Journ. de la Soc. Gall., vol. 4, p. 108, symptoms produced by the smell of the essence; **25**, M. Marchal (de Calvi), Gaz. Med. de Paris, December, 1855 (Brit. and For. Med.-Chir. Rev., 1856 (1), p. 408, a woman lived in a newly-painted room for several days; **26**, same, Revue de Ther. Med. et Chir., 1858 (Month. Hom. Rev., vol. 6, 1862, p. 281), a young lady slept in a room recently painted; **27**, same, effect of odor on M. Favrot, medical attendant of last; **28**, Dr. Roth, Month. Hom. Rev., vol. 2, 1858, p. 312, Mr. W. took large doses of Turpentine to expel tapeworm; **29**, same, case of Miss ——, æt. fifteen, who was treated with large doses for tapeworm when she was eleven years old; **30**, Editor, ibid., an allopath gave a girl, æt. ten years, a large dose, and also used large quantities in injections, for ascarides; **31**, Prof. Hoppe, N. Z. für H. K., 7, 177, proving, by dropping on the left elbow; **32**, Purkinje, Hempel's Mat. Med., vol. 2, p. 600, took, for three days in succession, a drachm of the oil every morning, either with or without sugar; **33**, Wibmer extracts a case from Schlegel's Mat. Med. (ibid.), a man drank about 1½ ounces of the oil; **34**, Wibmer (ibid.), a man took the oil for tapeworm, 1 ounce in two doses, within an hour, in the morning, same dose in the evening (first day), 1½ ounces in emulsion in space of an hour (second day); **35**, Dr. Buckner, A. H. Z., 68, 131, took 6th dil. on account of neuralgic pain in the left arm; **35** *a*, same, took 2 drops of $\frac{1}{10}$th; **36**, Philip Miall, Lancet, 1869 (1), p. 360, a child, æt. fourteen weeks, swallowed an unknown quantity of the oil, death in fifteen hours; **37**, M. Benoit, La Presse Méd. Belge, February 20th, 1870 (Practitioner, vol. 4, 1870, 249), effects of small doses given for sciatica; **38**, Almen, Memorabilien, 1870 (N. Z. für H. K., 21, 40), effects on several patients who took by emulsions up to 100 drops; **39**, J. Warburton Begbie, M.D., Edin. Med. Journ., vol. 17, 1871, p. 39; **40**, Sir Thomas Watson, Lectures on Principles and Practice of Physic, vol. 1, p. 663 (ibid.); **41**, Dr. Andrew Duncan (Edinb. New Dispens., p. 553, ibid.); **42**, Weber, Monart. f. Ohreheik Jahrg., 5, No. 3, and Med.-Chir. Rundschan, 1872 (Practitioner, 9, 118), a girl, suffering with pain in neck and ear, took 3 capsules, each containing 15 drops, in morning and afternoon, 4 capsules in the evening; for some days following, successively smaller doses.

Mind.—Intense excitement of the nervous system,[15].—Anxiety,[18];

(after one hour),[19].—Very distressing anxiety, with great weakness on going to bed (first day),[19].—Facility of thought,[7].—*Dulness of mind; inability to fix the attention long upon anything (after one hour),[19].—Slight stupefaction,[6].—Perfectly insensible (after three hours),[22].—* *Comatose*,[36].

Head.—Vertigo. *Vertigo*,[4 6 17 19 19a].—[10.] Vertigo, pressure, and fulness in the head, threatening apoplexy; after the lapse of three hours, the cerebral irritation abated in consequence of a spontaneous rejection of the oil (second day),[34].—Slight vertigo,[6].—Dizziness, with nausea and diminished appetite (second day),[2].—Momentary vertigo, even to falling down, whereby it became black before the eyes (after six, and fifty-eight hours),[2].—The patient was supposed to be dying, but was found to be intoxicated by a free dose of Turpentine,[40].—I have seen large doses produce temporary intoxication, and sometimes a kind of trance, lasting twenty-four hours, without, however, any subsequent bad effects,[41].—The intoxicating effect of wine was very much heightened by oil of Turpentine, especially the vertigo,[32].—Soon seized with all the symptoms of intoxication; from evening till morning he lay drenched in sweat, in a state of stupor, from which he did not wake until next morning, very weak, and with his head in a state of bewilderment; when undertaking to stand still, he staggered about; he was relieved by a profuse discharge of urine, which had the odor of violets,[33].—***General Head.*** Head dull,[6].—Fulness in the head (first evening),[34].—[20.] Extraordinary fulness and pressure in the head, so that the patient constantly cried out, "My head! my head!" and an attack of apoplexy was apprehended,[4].—**Headache*,[6 13 13a 18 19].—General dull headache, with colic, lasting three days,[2].—Tearing, but not very violent, headache alternately till evening, at one time disappearing, at another returning,[2].—Tearing headache, extending towards the right side, lasting one day,[2].—Slight tearing headache (after one hour),[2].—Suffered from headache until the next day,[27].—Violent pain in the head,[17].—Pressure in the whole head,[2].—Pressive headache in the whole head, with qualmishness, now disappearing, now returning,[2].—[30.] Heavy pressive headache over the left eye, lasting about half an hour, while sitting and during mental work,[2].—A stitch, as with a knife, in the forehead (after twelve hours),[2].—Tearing from the forehead out towards the right ear, which is very hot, while the left ear is cold to touch,[2].—A smarting-tickling pain in the left temporal region, coming and going, in the evening in bed, which disappears on rubbing (after sixty hours),[2].—A transient stitch in the mastoid process behind the right ear (after two hours),[2].

Eye.—Eyes sunken,[25].—Eyes sunk and surrounded by a dark ring,[26].—Contracted pupils,[36].—Pupils violently contracted (after three hours),[22].—Black points and spots float for a moment before the eye, when walking in the open air, not when looking at a distance, with very transient sensation of vertigo (after two hours and a half),[2].

Ear.—[40.] Ringing and singing in the ears, as from the ticking of a watch, increasing for four hours (after six days),[2].

Nose.—A peculiar kind of coryza, without disturbance of the general condition, and without the usual accompanying symptoms, and without any premonition, consisting of thin watery liquid, at times from one, at other times from both nostrils, lasting two days (after three to four days),[2].—* *Violent nosebleed*,[2].

Face.—Spasm of the face, beginning under the chin, affecting the face, even to the cheek-bones, with nervous drawings in the cheeks; these symptoms are felt by the prover, but there is no visible contraction of the face;

these symptoms pass off, to be succeeded by a supraorbital headache, as if those parts were bruised,[24].—Countenance anxious,[25].—Countenance anxious, shrunk, and pale,[26].—**Countenance pallid* (after three hours),[22].—**Face very pale* (after one hour),[19 25].—Redness of the face,[18].—Drawing in the bones, in the right half of the face and in the forehead, in the evening (fourth day),[1].—[**50.**] Lips could scarcely be moved,[25].

Mouth.—Drawing in the teeth (first day),[1].—(The gum, which burnt, as if sore, nearly every morning, was loose, painful to pressure, and bled easily on brushing the teeth, became entirely well after a few days), (curative action),[2].—Burning in the tip of the tongue; the papillæ very prominent (first day),[1].—Breath and perspiration tainted with a Turpentine odor for upwards of a week,[21].—Breath cold,[25].—Phlyctænules in the mouth,[19a]. —Some burning in the mouth while taking the drug,[6].—Sensation of dryness of all the mucous membranes,[18].

Throat.—Scraping in the throat frequently provokes hacking cough, in the evening (first day),[1].—[**60.**] Scraping sensation in the throat,[2].—Sensation of warmth and scraping in the pharynx and stomach,[18].—An agreeable coolness in the throat, immediately,[1].—No power over deglutition (after three hours),[22].

Stomach.—Appetite and Thirst. Hunger and thirst (after one hour and a half),[19].—Sudden violent desire for rue (to eat cut up on bread and butter), of which he had already eaten freely, in the evening, during vigorous and enjoyable mental work (after fifteen hours),[2].—She had less appetite than usual; food of which she was most fond was not relished, and though she was very glad of it, yet she could eat very little,[2].—Loss of appetite,[18]; for two days,[2].—**Anorexia*,[20].—Very great thirst and appetite (after one hour),[19].—[**70.**] Thirst,[18 20].—Violent thirst,[11].—***Eructations.*** Rancid eructations,[2].—***Nausea and Vomiting.*** Nausea,[18]; (first day),[19].—Nausea, yet inability to vomit, owing to excessive weakness,[26]. —Meat nauseated her for more than a week,[2].—Slight transient nausea, in the morning,[2].—Inclination to vomit,[6].—**Vomiting*,[4 11 18 19a 34].—Vomiting four or five times (after one hour),[8].—[**80.**] Vomited freely (after a draught of warm water and melted butter),[22].—**Vomiting of yellowish mucus*,[6].—**Vomiting of mucus*,[5].—***Stomach.*** Loud rumbling in the stomach and intestines, immediately after dinner; the pain extended into the side,[2].—Inflammation of the stomach and intestines, so that slight touch on the abdomen, especially on the epigastric region, could not be endured (second and following days),[4].—The symptoms of gastro-enteritis made their appearance (second day),[34].—*Heat in the stomach*,[13 13a 19].—*Burning in the stomach*,[4 6 34].—Sensation between pain and burning in the pit of the stomach (after half an hour),[19].—Griping beneath the pit of the stomach, with nausea and eructations (after one hour),[1].—[**90.**] It seems as though he had swallowed a small ball, which remained in the pit of the stomach,[2].—Pressure in the pit of the stomach after eating, as if the food had been swallowed too hastily,[2].—Slight pressive pain in a small spot in the pit of the stomach, relieved by stooping, lying, and on deep breathing (after half an hour),[2].—Pressure in the stomach,[18].—Pressure as from without in the pit of the stomach,[2].—Pressure in the stomach becoming slight nausea, relieved by eructations,[2].—Pressure in the stomach, in the evening in bed (lying on the left side), which prevents his falling asleep, relieved and gradually removed after the emission of flatus, while lying on the right side (after seventeen hours),[2].

Abdomen.—Hypochondria. Griping in the hypochondriac

region,[6].—Pressive and cutting pain in the left hypochondriac region, while sitting, disappearing on motion,[2].—Violent burning pressure in the hypochondria,[2].—[**100.**] Burning in the right hypochondrium (after seventeen hours),[2].—***Umbilicus and Sides.*** The umbilical region seems retracted, cold, just as though a cold, round plate were pressed against it, while lying down after dinner,[2]—Sticking and griping in the right side soon after an evacuation of the bowels,[2].—Slight pressure and drawing in the left side of the upper abdomen,[2].—Transient, jerking sticking in the left side of the upper abdomen, in the evening while urinating (after thirty-six hours),[2].—Tearing cutting in the left side of the abdomen, in the evening, in bed, when lying on the right side; afterwards also on the right side,[2].—***General Abdomen.*** *Abdomen very much distended*, after eating food which he relished,[2].—***Distension of the abdomen,** as after a dose of salts,* bitter water, or the like,[2].—Fulness in the abdomen, as if he had eaten too much,[2].—***Feeling of distension in the abdomen, as from flatus,** soon obliging him to rest* (after three-quarters of an hour),[2].—[**110.**] Rumbling in the abdomen,[5].—Rumbling and gurgling in the abdomen, followed by colic in the evening,[2].—Rumbling and gurgling in the abdomen in the morning,[2].—Rumbling and griping in the abdomen, and thin stool,[6].—***Meteorismus,**[18].—Heaviness in the abdomen after the midday nap,[2]—Violent irritation of the bowels,[15].—**Colic* (second day),[34 25].—Griping in the abdomen (after a quarter of an hour),[5].—Colic, with violent movements in the intestines,[18].—[**120.**] She complained of constant colic in the whole abdomen, extending thence into the legs, both during rest and motion,[2].—Violent pain in his bowels, but no discharges from them,[12].—Violent and continued abdominal pain, causing the patient to be doubled up,[26]—Sensation, as if the intestines were drawn back to the spinal column (after one hour),[19].—Pressure beneath the diaphragm, which extended from the left to the right side, after eating,[2].—Pressure in the abdomen, with a feeling of heaviness and emission of flatus,[2].—Feeling as though a violent purging would ensue,[2].—Slight cutting pain in the upper abdomen (after one hour and a half),[2].—Feeling of coldness in the abdomen as though uncovered and naked, after dinner,[2].—***Hypogastrium and Iliac Region.*** Cutting in the lower abdomen,[2].—[**130.**] Cutting in the lower abdomen, with distension of some parts, as if a hernia would protrude,[2].—Feeling as if the pubes were suddenly forced asunder,[2].—Transient tearing pain in the symphysis pubis,[2].—The inguinal glands are painful with slight swelling in the evening, while sitting (after thirty-six hours),[2].—Cutting drawing from the abdominal ring into the left testicle, disappearing while stooping,[2].—Constant more or less severe dragging and cutting in the right groin,[2].—Movement and working in the inguinal region, as though a hernia would protrude, especially while sitting with the legs outstretched,[2].—Drawing in the groins and thighs,[1].—Transient cutting drawing in the right groin,[2].—Cramp, dragging, and pressure from within outward in the groin, as though a hernia would protrude, now in the right, now in the left groin, disappearing while walking (after twenty-four, thirty-six, and sixty hours, and after three weeks),[2].

Rectum and Anus.—[**140.**] Burning in the anus,[5].—Violent burning and crawling in the anus, with a sensation as if worms were creeping out,[6].—Burning in the anus after the stool,[6].—Slight burning in the anus while standing,[2].—Tickling and burning in the anus,[6].—Itching burning in the anus after a stool, as from blind hæmorrhoids,[2].—Urging to stool without result,[2].—Pressure to stool after eight hours, as though another

evacuation would follow,[2].—In the evening he is obliged to go to stool for the fourth time, but without result,[2].

Stool. — Diarrhœa. Diarrhœa,[18 42]. — [**150.**] Hypercatharsis,[15]. — Quickly purged (after second dose),[13a].—Diarrhœa, six to eight times a day, with evacuation of half a vesselful of tapeworm,[5].—At five o'clock in the afternoon, a gentle purging evacuation,[12].—Evacuations thin, yellow, with discharge of tapeworm and round worms,[6].—Stool thin, greenish yellow, smelling of Turpentine,[6].—Several thin yellow stools, with discharge of tapeworm,[5].—Frequent soft stools,[19a].—A pasty evacuation, with colic and burning in the anus (first day),[1].—Fæces of a dark-chestnut brown, and unnaturally dry,[2].—[**160.**] Two stools in the evening (second day),[34]. —***Constipation.*** Evacuation of the bowels diminished, the stool was harder than usual,[2].—Stool diminished in quantity (instead of one evacuation he had two),[2].—Stool scanty, hard,[2].—Constipation with distended abdomen,[2].—Obstinate constipation for four days,[19].—The bowels remained inactive until he had taken eight ounces of the compound infusion of Senna, with ten grains of Calomel; the evacuations, when passed, were extremely fetid, black and slimy, but gave no smell of turpentine,[21].

Urinary Organs.—Kidneys and Bladder. Symptoms of genuine urethritis, with extremely painful erections as in chordee,[18a].— **Heaviness and pains in the region of the kidneys* (second day),[23].—**Pressure in the kidneys in the morning while sitting*, disappearing on motion,[2].— [**170.**] **Transient drawing in the right kidney, extending thence into the right hip*,[2].—***Violent burning-drawing pains in the region of the kidneys** (second to sixth day),[1].—Pain in the kidneys and diabetes, and died hydropical in twenty-five days,[10].—Pressive pain in the left kidney (after ten hours),[2].—Inflammation of the bladder supervened,[30].—Spasmodic pain in the bladder while sitting, frequently recurring,[2].—Violent twinging and cutting in the bladder, which alternates with a similar pain just above the navel, less when walking in the open air, worse during rest (after two days),[2].—A transient movement in the region of the bladder during a stool, as if the bladder were suddenly distended and bent forward,[2].— Burning in the bladder, and when urinating also in the urethra,[2].— ***Urethra.*** Burning during micturition, frequently very violent,[18a].— [**180.**] Burning in the urethra,[2].—Slight burning in the urethra while urinating (first day),[1 2]. — ***Micturition and Urine.*** Inclined to urinate more frequently; each time the urine was scanty,[2].—Increased amount of urine (first day),[1]; (second and third days),[2 19a].—Profuse discharge from the urinary organs,[21]. — Diminished micturition,[6]. — Urine diminished in quantity,[2].—She is now *incontinent of urine*, and will probably continue so to the end of her days,[30].—**Dysuria*,[18 18a 19a 42].—Strangury,[19a]. — [**190.**] **Strangury, bloody urine*, and its total suppression,[11].— **Most distressing strangury, more violent than I had ever before witnessed, and attended with a greater loss of blood. A great degree of soreness remained in the bladder for several days*,[12]. — Complete suppression of urine,[3].†— ***Bloody urine**,[16 19a].—Urine very scanty, red, sometimes bloody, or else copious and light colored,[18a].—**Urine scanty and bloody**, and had a strong terebinthinate smell,[20].—Urine very scanty and red, or else, very copious and light colored, but in both circumstances smelling of violets,[18].—The urine smells strongly of violets (after half an hour),[6 19 23].—The urine has the so-called odor of violets in a high degree, the secretion is somewhat

† Effects from use for stone.

increased,[4].—**The urine has the peculiar odor of violets*, but of the natural color,[2].—[200.] Voided a small quantity of urine, denoting the effects of the turpentine (soon); in the afternoon, the urine presented more powerfully the odor of turpentine,[13].—The urine is clear, but on standing becomes turbid, with a reddish-white sediment (second day),[1].—The urine deposits a thick, slimy, whitish-yellow sediment, has a wine color and smells strongly of violets,[9].—The urine deposits a slimy sediment (after twelve hours),[2].—Sugar in the urine,[38].

Sexual Organs.—Violent spasmodic drawing in the left testicle and along the course of the left spermatic cord (after two hours and a half),[2].—Drawing in the left testicle while sitting (after three-quarters of an hour),[2].—Transient burning in the posterior portion of the right testicle,[2].—An emission at night (first day),[1].—Tearing in the mons veneris,[2]. —[210.] Menstruation delayed for two days, and more scanty than usual,[2].

Respiratory Organs.—The mucous membrane of the air-passages become dry, as in the first stage of catarrh,[18a].—Distressing prickling in the trachea, as in commencing bronchitis,[18a].—***Voice.*** Voice gone,[25 26]. —***Cough and Expectoration.*** Cough, as from a foreign substance in the trachea, with a kind of cramp in the larynx, as in whooping cough; inspiration in six or seven catches; the cramp soon became so violent that he could scarcely inspire, followed by scraping in the throat (soon),[35].—(The short dry cough was aggravated, especially while lying down after eating),[2].—*Expectoration streaked with blood,[18a].—***Respiration.*** Increase of the respiratory movements,[21].—Respiration hurried, short, and anxious,[26].—She complained of short breath,[2].—[220.] **Difficult respiration*,[23].—Difficult respiration, the lungs seemed over-distended,[4].—Breathing labored (second day),[34].—Breathing stertorous (after three hours),[21].

Chest.—Auscultation disclosed mucous râles, and minute crepitation through both lungs,[36].—Spastic contraction of the muscles of the chest and neck, in the evening (first day),[19].—Sensation of soreness in the lower part of the chest, lasting a long time and very marked,[35a].—Pressive pain behind the sternum,[18a].—Burning in the chest, along the sternum, gradually extending over the whole chest, and disappearing with transient stitches at both nipples (after warm drinks); (after three minutes),[2].—Transient itching pain in the left pectoralis major muscle,[2].

Heart and Pulse.—Præcordia. [230.] Frightful oppression in the præcordial region (soon),[33].—A feeling of warmth at the heart while sitting, in the evening (of which she had noticed nothing during the whole day, though she had been in constant motion), so that she was obliged to yawn a great deal, with collection of water in the mouth (after fourteen hours),[2].—***Heart's Action.*** Palpitations,[17]; in the evening (first day),[19]. —Acceleration of the circulation,[21].—***Pulse.*** Hard rapid pulse,[18 18a].—Pulse rapid and weak (after three hours),[22].—Pulse and respiration quickened (in ten minutes),[13].—**Pulse quick, small, compressible, and almost imperceptible, but regular*,[36].—**Pulse thready and scarcely perceptible*,[26]—**Pulse almost imperceptible*,[25].—[240.] Pulse rose from 65 to 86,[23].—Pulse 69 (before taking); fuller, 75 (after five minutes); small, hard, 80 (after half an hour); small, hard, 82 (after one hour); small, irregular, 86 (after one hour and a half); small, weak, 92 (after three hours); weak, irregular, and intermittent, in the evening (after twelve hours),[19].

Neck and Back.—Gradual painful drawing from the nape of the neck up into the occiput, which then extended to the forehead (after one

hour),[2].—Severe pain in back,[20].—Pressive pain in the back, which extended up to between the shoulders, and there became a throbbing,[2].—Drawing pain in the back while sitting, especially in the evening,[2].—Drawing in the dorsal and lumbar muscles, with a sensation of heaviness and indolence on moving in the open air,[2].—She complains of drawing pain in the small of her back,[2].—Pain and increased warmth in the lumbar region, over the kidneys, and also in the hypogastric region; these places became sensitive to pressure,[18a].

Extremities.—Heaviness in the limbs,[2].—[**250.**] Acute pain in all the joints,[26].—Soon after she partially lost the use of her right arm, and of her left leg,[29].

Superior Extremities.—She could only advance the arm from the body a short distance,[29].—But little use of the right arm,[29].—He had no control over his hand and arm when attempting to write,[28].—She could raise the shoulderblade and bend the arm in the elbow, but the hand fell with a jerk into the position in which she wished to place it,[29].—Pain as from a sprain in the muscles of the left upper arm (third day),[1].—Drawing in the bones of the upper arms in the morning (second and third days),[1].—Trembling of the hands (after one and a half hours),[19].—Fingers insensible and asleep in the evening (first day),[19].

Inferior Extremities.—[**260.**] She limped with the left foot and dragged the leg in walking,[29].—Tottering gait (after one and a half hours),[19].—Drawing and tearing in the right hip-joint,[2].—Drawing in both thighs, along the course of the large vessels,[2].—Drawing in the thighs, with colic, as if the menses would appear, though she had had them eight days previously,[2].—Drawing in the outer side of the right thigh, as if in the fascia lata,[2].—Drawing along the thighs,[1].—Drawing paralytic pain in the left thigh (after thirty-six hours),[2].—When standing or walking his feet were placed far apart,[28].—Pains in the feet,[2].—[**270.**] The ankle-joint was stiff,[29].

Generalities.—Symptoms of general excitement,[18].—Condition resembling intoxication,[18].—When dressing or undressing, though his feet were placed very far apart, his body swayed forwards and backwards,[28].—The symptoms resembled those of malignant cholera,[26].—The lightness on walking is absent, the muscles seem stiff, he walks slowly and bent over like an old man (after twelve hours),[2].—Remarkable stiffness of the whole body (second day),[23].—* *Occasional subsultus* (after three hours),[22].—Slightly convulsed,[36].—At intervals of ten or fifteen minutes, violent convulsive paroxysms occurred, producing the most frightful opisthotonos,[22].—[**280.**] Weakness through the day (first day),[19].—Sense of general weakness,[2 19].—Tired and unable to walk; staggered and fell,[22].—Weakness and prostration, which unfitted him for every work for two or three days,[23].—Very transient weakness,[5].—Strength so completely exhausted, that the limbs on being raised fell heavily back by their own weight,[26].—Muscles relaxed (after three hours),[22].—***Prostration,**[25].—The whole body feels sick, with vertigo and dulness of the head,[6].—Felt faint,[42].—[**290.**] Fainted away,[17].—Neuralgic pain in various parts of the body, especially in one or other of the lower extremities,[28].—During the two previous years he had been unable to ride on horseback,[28].

Skin.—Applied to the skin, turpentine produces rubefaction, and sometimes a vesicular eruption. A scarlet eruption on the skin has been observed to succeed the internal administration,[39].—Scarlet eruption broke out upon the body (after five hours, second day),[34].—Often there suddenly appears upon the skin erythematous, papular, often vesicular eruptions,

analogous to those caused by certain forms of sea-food,[18a].—Nettlerash eruption,[14].—Herpes of the lips not infrequent,[18a].—An exanthema, like scarlet rash, breaks out at first on the affected knee, extending down to the ankle, then breaks out on the chest and on the right foot, and gradually extends over the largest part of the body, though it disappears within a day (after five hours),[4].—At 8.45, 10 drops of Terebinth., that had been standing in water at 158° Fahr., were dropped upon the elbow; it was followed by two successive applications of 10 drops each, after which there was a sensation of some warmth in the bend of the elbow; again 10 drops were applied twice, and there was some itching on the spot. Again 10 drops, at 9 o'clock again 10 drops; the water had now a temperature of 122°; this was followed by some redness of the bend of the elbow, and the bloodvessels of the corium were distended. The itching increased. The oil flowed down both sides and spread over the internal condyle. The concentration of the oil at one point increased and accelerated its action. After fifteen minutes the 70 drops had already caused considerable redness. Increasing itching provoked scratching, which, however, was avoided on account of this increasing hyperæmia. At 9.12 the itching was associated with some burning. 5 drops were repeatedly applied after 9 o'clock, between 9 and 9.5 as many as eleven times. At 9.15 the whole elbow was somewhat red; on the side over which a large part of the oil had flowed there was considerable itching. In the bend of the elbow the burning increased. The dropping was continued, and at 9.20 the redness had extended transversely across the middle of the bend of the elbow, and the burning increased, and the dropping now became somewhat painful; the part began to burn acutely and fine stitches were felt. The dropping was continued. At 9.25, sticking burning, which increased and became very acute. The redness now spread over the whole bend of the elbow, and the skin became sensitive to touch. By 9.30, 140 drops had been applied to the elbow. The burning was quite severe. Every new dropping caused increase of the burning. The breath from the mouth was felt more acutely over the bend of the elbow than over other parts, and caused transient burning. 9.31, burning continued and was quite violent, the reddened cutis was swollen, and when brushed with a feather or the finger, was decidedly more numb than natural. 9.34, the burning increased, there appeared a bright rosy redness with some swelling, numbness, burning stinging pain, and painfulness to touch. 9.40, very violent burning stinging in the whole bend of the elbow, extending also over the whole inner half of the joint to the olecranon process. 9.43, excessive itching and burning, as from the heat of a fire. 9.45, dropped the last 5 drops, followed by increase of the burning and stinging, with somewhat diffused burning, which was in some degree pulsative; associated with a feeling of pressure and tension over the whole surface, which was red, and sometimes a deep sensation of pulsation. At times stitches were felt over the whole surface, at other times only here and there in the reddened place. The stitches increased to a certain point, and then diminished. There was also at times a sensation of soreness like a smarting. 9.50, the rosy redness and burning continued, with stitches and increased heat; the thermometer was 98.3° Fahr., against 95° in the right elbow. 10 o'clock, the burning continued, the redness was very great, with swelling of the cutis, sensation of heat, numbness, increased sensitiveness, swelling of the hair-follicles; the burning was worse on the inner side of the joint, and pressure caused pain, followed by aggravation of the burning. On the second day there

was still some redness, the sensation of touch was not yet normal, and the skin was somewhat sensitive, with increased warmth. On the third day, after some pain during the night, the skin of the elbow was found to be spotted with circumscribed dark redness of the bend of the elbow. On the fourth day there were dark-red spots, some of which were intensely red. The appearance in general was similar to extravasation of blood; in the evening of the same day there were found to be at least five spots in which the epidermis had been incompletely raised by exudation, and touch caused sore pain. Further account of this erythema is unnecessary. Desquamation and recovery followed,[31].—[**300.**] General increased sensibility of the skin of the extremities, especially of the lower extremities, at times associated with very acute pains, following the course of the large nerves,[18a].—Burning itching in the skin of the right groin,[2].

Sleep.—He became very drowsy, and found it very difficult to keep awake. The day-nap did not interfere with his night's rest,[32].—Sleepiness in the evening (first day),[19].—Unusual sleepiness,[7 21].—Sleeplessness and excitement,[23].—Cannot fall asleep for two hours at night, and tosses about the bed,[2].—Restless sleep, frequent waking and tossing about, for over a week,[2].—Awoke alarmed, but unable to cry out (after two or three hours),[26]. —(The former habitual dreams disappeared),[2].—[**310.**] He had scarcely fallen asleep when he was awakened by nightmare,[1].—Anxious dream,[1].

Fever.—Chilliness. Chilliness (after half an hour),[19].—Violent chill (after one hour and a half),[19].—Extremely cold surface,[36].—Incessant tossing about the bed, on account of violent cold,[4].—Extremities and surface generally cold (after three hours),[22].—***Heat.*** Fever,[11 20].—Feverish heat over the whole body,[18].—General rise of the animal temperature,[32].—[**320.**] It causes heat, accompanied by sweating of the lower limbs, especially in that affected, and along the course of the nerve affected; it is remarkable that the more violent the pain the more probable is it that it will prove of service,[37].—Warmth of the skin,[23].—Skin hot, sweaty,[18a].—Heat of the trunk (after one hour and a half),[19].—***Sweat.*** Copious perspiration,[18]. —Profuse perspiration on the lower extremities, in the evening in bed,[2]. —* *Cold and clammy perspiration all over the body*,[26].

Conditions.—**Aggravation.**—(*Morning*), While sitting, pain in the kidneys; nausea.—(*Evening*), Jerking sticking in left side of upper abdomen; cutting sticking in abdomen.—(*After eating*), Pressure in stomach; rumbling in stomach and intestines; pressure beneath diaphragm.—(*Lying down after eating*), Cough.—(*Sitting*), Pain in left hypochondrium; pain in bladder; pain in back.—(*After stool*), Burning in the anus.—(*On urinating*), Jerking sticking in left side of upper abdomen; burning in urethra. —(*Walking in open air*), Black points before eyes.

Amelioration.—(*Deep breathing*), Pain in pit of stomach.—(*Stooping*), Pain in pit of stomach.—(*Walking*), Cramp in the groin.

TETRADYMITE.

Rare crystals, from North Carolina and Georgia, containing about 60 parts of Bismuth, 33 of Tellurium, 6 of Sulphur, and traces of Selenium and Iron.

Preparation, Triturations.

Authority. Dr. C. Hering, A. H. Z., 77, p. 205, effects of about 5 grains of the 1st dec. trituration.

Mind.—After waking, in the morning, he was made anxious by the noise in the street, as if the commotion were made by fire breaking out in the house (second day).

Head.—Various pains in the head now and then (fifth day).—Pain in the right temple (after forty minutes).—Pain in the occiput on waking (second day).

Ear.—Pains in the left ear, afterwards in the right, as if the bones were sore (fourth day).—Pain in the region of the ears, as if in the bones, as if they were sore, and in small spots a feeling as if pimples would develop, first in the left, then in the right side, which, however, disappeared (fifth day).

Nose.—Repeated sneezing on going out (after ten minutes).—Sneezing several times (after two hours).—Sneezing, without sensation of coryza, after waking (second day).—[**10.**] Sneezing, and discharge of thin nasal mucus, without coryza (second day).—Sneezing, with discharge of thin nasal mucus several times, though without coryza (fifth day).

Mouth.—Toothache on the right side of the lower jaw, afterwards on the left (after ten minutes).—Toothache on the left side was frequently troublesome, affected neither by eating, nor by warmth, nor cold (second week).—(His tongue, formerly coated, is to-day very clean), (third day). —Bitter taste (soon).

Stomach.—Great hunger, in the morning (which was very seldom the case), (second day).

Abdomen.—Disagreeable feeling in the abdomen (after ten minutes). —Colic and desire for stool, followed by a pasty, lumpy, scanty evacuation, of a light-yellow color, which caused biting burning in the anus (after three hours).—A burning pinching-pressive pain in the last ribs, at the point where they bend (second day).

Stool.—[**20.**] No stool (second day); in the morning, a scanty soft stool with much pressure and discharge of blood; in the evening, another soft stool with much black blood (third day); no stool (fourth and fifth days).

Sexual Organs.—Violent erections, in the morning (third day).

Respiratory Organs.—Hoarseness (first evening).—Oppression of the breath, apparently from the larynx and abdomen, relieved after much perspiration, while sitting (after forty-five minutes).—Difficult respiration in the back part of the throat and in the larynx (after thirty minutes).

Chest.—Griping, as with pincers, followed by violent sticking in the upper part of the chest, beneath the left shoulder, repeated at intervals; afterwards, the same pain appeared very violent in the left elbow; a sticking pressure in small spots (after thirty minutes).

Neck and Back.—Pain in the nape of the neck (second day).—While lying, pain in the small of the back as if he could not rise again, which he could do easily (after two hours).—Pain in the small of the back on waking (second day).—A previous pain in the small of the back, in the bone, where it joins the hip, a pressure and pain when lying, is to-day very severe in the coccyx and in the lower extremity of the right ischium, especially when sitting (fifth day).

Extremities.—[**30.**] Frequently repeated pains in the left leg and left elbow (second day).—Frequent pains on the margins of the nails, as if an ulcer would develop, painful on pressure, as if burning and sore, in small spots, especially on the right middle finger; the next day also on the left hand (similar to the effects of various former provings), (first week).

Superior Extremities.—Stiffness of the left arm, as if lame, or as

if it would fall asleep, worse about the elbow, at the point where the ulnar nerve is exposed, increasing till noon, when it is the worst, with constant inclination to stretch, twist, and turn the arm (second day).—Painful twitching on the inner side of the left arm (after forty-five minutes).—Pains in the left shoulder with itching and burning (first evening).—Violent pains, here and there in the hands, as if in the bones or nerves, after washing in the morning (second day).—Excessive pain in the fingers of the left hand (after forty-five minutes).—Violent pain in the left fourth finger (after thirty minutes).

Inferior Extremities.—Sharp pain through the left leg (second day).—The tendines Achillis are constantly painful, as if sprained; this disappeared while walking; was worse on first rising from a seat (second week).—[**40.**] Pain in the right tendo Achillis always worse on beginning to move; at the end of the third week he discovered, for the first time, a lump in the middle of the tendon, which was painful to pressure, and especially on rising from a seat or on lying, so that he limped for awhile (third week).—Sudden violent pain, with pinching burning, through the left ankle, extending from the upper and inner portion downward and outward (after forty-five minutes).—Violent pains through the left ankle (second day).—Pain in the ankles, especially violent while sitting, and worse on rising from a seat (second week).—Violent itching stitches and pressive pain in the right inner malleolus, frequently repeated (fifth day).—Cramp in the sole of the right foot, in the evening, after drawing off the boot (after forty-five minutes).—Pain above the right heel (after thirty minutes).—Pain in the toes of the right foot (soon).

Skin.—Nettlerash eruption, especially on the face, after eating crabs (this he had never had before, though he had eaten crabs for twenty-five years); large, red, thickened, itching spots, extending from the face over the neck and arms; it made the whole face quite stiff, even while eating (first week).—Pains, like stitches, here and there in the skin (after thirty minutes).—[**50.**] Burning pains in various places, as if caused by the points of hot needles (second day).—Crawling itching in the palm of the right hand, in the afternoon (second day).

Sleep.—Very weary, sleepy, and ill-humored, while riding in a carriage (second day).—Awoke, at 3 A.M., from a dream that a steer was following him, and as though he had frequently had the same dream, though he never had (second day).

Fever.—Perspiration, especially on the occiput and nape of the neck (second day).—Perspiration on the nape of the neck, at night (fourth day).—Perspiration, especially about the nape of the neck, even though the night was cool and the windows in the bedroom were open (fifth night).

Conditions.—**Aggravation.**—(*On rising from a seat*), Pain in tendo Achillis; pain in ankles.

THALLIUM.

An element.

Authorities. **1**, Lamy, Gaz. des Hôp., 1863, 104, and Journ. de Chimie, 1863, vol. 9, p. 721, effects while experimenting; **2**, Dr. Marmé, of Göttingen (Raue's Rec., 1870, p. 21), effects of repeated small doses.

Eye.—Very frequent conjunctivitis, with abundant production of mucus (perhaps, also, disturbance of vision),[2].

Mouth.—Ptyalism,[2].

Stomach.—Loss of appetite,[2].—Nausea,[2].—Vomiting,[2].

Abdomen.—Pains in the intestinal canal,[2].
Stool.—Diarrhœa, and even bloody stools,[2].
Respiratory Organs.—Slow and difficult respiration,[2].
Heart and Pulse.—Diminished frequency of pulse,[2].
Generalities.—[**10.**] Emaciation,[2].—Hyperæmia, swelling, and excessive secretion, especially on application to the conjunctiva,[2].—Anomalies of motion, trembling, and uncoördinated chorea-like movements, which often appear even before the appetite is involved,[2].—Pains accompanied by the greatest lassitude, especially in the lower extremities,[1].—In a memoir relating to Thallium, the author calls the attention of the academy to the danger that may be apprehended from dealing with such a powerful poison. The Sulphate is an energetic poison, the two principal symptoms of which are the **pain in the stomach and bowels, consisting of terribly severe lancinations, following each other with the rapidity of electric shocks; second, the trembling and more or less complete paralysis of the lower extremities.* These symptoms, associated with constipation, retraction or depression of the abdomen, complete loss of appetite, represent a marked analogy to the phenomena of lead-poisoning,[1].

THEA.

Thea chinensis.
Natural order, Camelliaceæ.
Common name, Tea.
Preparation, Tincture or trituration of the leaves.
Authorities. **1,** Practische Mittheilungen, 1827, p. 30 (Journ. de la Soc. Gall., Roth, Mat. Med. Pure, vol. 1, p. 511), Madame N., T. Chin.; **2,** E. Percival, Dublin Hosp. Rep., 1818, p. 220, a man, unaccustomed to drinking tea, took some very strong green tea three times in one day; **3,** Dr. Harvey, ibid., a man who was up all night and drank much strong tea; **4,** Gunther, Buchner's Repertorium, vol. 9, ser. 2 (Journ. de la Soc. Gall., Roth, Mat. Med. Pure, vol. 1); **5** to **13,** John Cole, Lancet, 1832–3 (2), p. 274; **5,** effects of excessive tea-drinking on a woman æt. thirty-five years; **6,** Mrs. R., just recovering from an attack of catarrhal fever, drank more than the usual quantity of strong black tea; **7,** a woman, æt. thirty years, drank tea excessively; **8,** Miss P. A., æt. thirty years, was accustomed to drink much strong green tea; **9,** a woman, æt. twenty-five years, drank tea night and morning; **10,** Mr. M., an excessive tea-drinker, who had been subject to fainting fits, drank a large quantity of strong green tea after having 12 ounces of blood taken away; **11,** Mrs. T., æt. thirty-five years, an excessive tea-drinker; **12,** Mrs. S., æt. twenty years, drank a large quantity of black tea; **13,** effects on a lady, a devoted slave to the teapot; **14,** Kremers, Casper's Woch., 1833 (Frank's Mag., 1, 290), a man took an infusion of 3 ounces of very strong black tea within three hours; **15,** Z. für H. Kl., 4, 65; **16,** same, effects of 2 to 10 grains of pure Thein; **17,** Dr. A. Teste, Journ. de la Soc. Gall., ser. 1, vol. 2, 1851, p. 234, T. Sinen.; **18,** Dr. Böcker, Archiv. des Ver. für gem. Arbiet, band 1, heft 2, p. 213 (Brit. and For. Med.-Chir. Rev., 1853 (2), p. 426), he determined the exact amount of food and water (each of known composition) taken, the amount of exercise, the exact amount of urine and its constituents, and of fæces, and of expired carbonic acid; the amount of perspiration was calculated; these experiments were continued for seven days; in the second series the experi-

ment was conducted in the same manner, only cold tea was substituted for water; **19**, G. G. Sigmond, M.D., Lancet, 1838–9 (2), p. 782, common effects of tea-drinking; **20**, same, Brit. and For. Med.-Chir. Rev., 1840 (1), p. 135, effects of green tea on some persons; **21**, Dr. Moleschott, De l'Alimentation et du Régime, 1858, p. 169 (Marvaud, Les Aliments d'Epargne, 1874, p. 324), general effects; **22**, Henry S. Purdon, Med. Circular, vol. 26, 1865, 65, effects of excessive tea-drinking observed in women in Belfast Charitable Institution; **23**, Medicus, Month. Hom. Rev., vol. 11, 1867, drank black tea as strong as possible, without sugar or cream, generally a cup before rising, a pint at breakfast, and a pint and a half between 10 and 11 P.M.; symptoms disappeared after discontinuing the use of tea, but always returned after resuming; **24**, H. M., Month. Hom. Rev., vol. 11, 1867, p. 510, effects of habitual use of black tea (with green tea all is intensified). (25 to 28, C. Wesselhœft, M.D., New Eng. Med. Gaz., vol. 2, 1857, p. 169.) **25**, a lady, over forty years of age, drank tea, often three times a day, and for a few weeks lived almost entirely on it; **26**, a lady, over fifty years of age, just recovered from acute bronchitis, the cough and pulmonary symptoms had disappeared, had drank for years two cups of hot strong tea three times a day; **27**, a young lady, æt. twenty-two years, had lived almost exclusively on strong hot tea for eleven years; **28**, an Irish cook, æt. thirty-three years, had drunk it three times daily for years instead of taking proper meals; **29**, R. R. Gregg, H. Quart., vol. 2 (Raue's Rec., 1871, p. 32). (30 to 37, Wibmer, Wirkung der Arzneimittel.) **30**, Lettsom's Nat. History, effects on a woman; **31**, same, effects of 30 grains of tea in powder three or four times a day; **32**, Whytt, took a cup of strong tea on an empty stomach before breakfast; **33**, Murray, feeling rather weak, took a cup of strong tea; **34**, Tode, a child drank a cup of strong tea; **35**, Erdmann, Hufeland's Journ., vol. 64, effects of continued use; **36**, Newnham, a cup of strong green tea relieved at once tormenting hemicrania with throbbing in arteries; **37**, same, experimented on three other persons, each of whom took a third of an infusion of 1 ounce of best green tea digested for twenty minutes in a pint of boiling water; **38**, E. I. Dixon, Practitioner, vol. 9, 1872, p. 265, a middle-aged woman subsisted mostly on bread and butter and hot tea, generally drinking a pint and a half or more of latter daily; **39**, J. Adams, U. S. Med. Invest., new ser., vol. 6; **40**, U. V. Miller, North Am. Journ., new ser., 4, 1873, p. 87, effects on C. T., æt. twenty-seven years, of drinking two cups of green tea at one meal; **41**, Marraud, Les Aliments d'Epargne, 1874, p. 324, general effects; **42**, S. Swan, New York Journ. of Hom., vol. 2, 1874, p. 202, from various provings of Thea sinen., symptoms with (Oo.), produced by Oolong tea.

Mind.—Delirium,[16].—Symptoms of delirium,[18].—Delirium with great ecstasy; the patient laughed incessantly, talked constantly in rhyme, showed us that he felt extraordinarily well,[14].—Sensation as if impelled by some uncontrollable power to commit suicide, to jump out of the window, to put her baby in the boiler with the clothes, to cut its throat while cutting bread, to throw it downstairs (in a woman who kept a pot of tea boiling on the stove and drank several bowlfuls every day; cured with Thea cm., Fincke),[42].—*Temporary* exaltation of mind; has greater confidence in himself (after Thein, 14 grains),[42].—An exciting, and subsequently a debilitating, influence upon the nervous system in general and the lumbar portion of the spinal marrow,[39].—At first a genial cordiality, a brilliancy of intellect, with conversation fluent, interesting, and sparkling with wit; then the opposite state supervenes, with great irritability and sensitiveness,

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THEA.

TRACINGS FROM MARVAUD, LES ALIMENTS D'EPARGNE.

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1. Man, Pulse normal.
2. Same, 10 minutes after 60 gr. of infusion.
3. " 15 " " " "
4. " 20 " " " "
5. " 25 " " " "
6. Man, Pulse normal.
7. " 15 minutes after 60 gr. of an infusion of 15 gr. of Thea to 200 gr. of water.
8. Man, Pulse normal.
9. Same, 15 minutes after above infusion.
10. Man, Pulse normal.
11. " 15 minutes after above infusion.
12. Man, Pulse normal.
13. " 15 minutes after above infusion.

so that there is a disposition to quarrel at the most harmless speech or act (Oo.),[42].—Feeling of great ease,[42].—Great nervous excitability, with clearness of the intellectual faculties,[42].—[**10.**] A most uncomfortable state of nervousness and want of confidence, relieved by beer (after an hour or so),[24]. —The sound of the "night bell" made me terribly nervous,[23].—Taciturn and peevish,[42].—Morose, taciturn; he is unwilling to utter a word,[1].—Gloomy, heavy, and dizzy in the forehead,[42].—Weeps easily,[27].—Feeling of anxiety and trembling,[37].—Uneasy state of mind, characterized by Lehmann as mental anguish (after Thein, 12 grains),[42].—The mind is in an excessively uncomfortable and anxious state, which admits not the slightest rest, whether seated, lying, or reading (after Thein, 12 grains),[42].—Appeared to be actuated by the greatest terror, and said: "I have called upon you to request you would let me in and allow me to die in your house,"[3].—[**20.**] Nocturnal fright; sinister thoughts; invincible propensity to analyze his life, to look at it on the dark side, and to resolve it into its most hopeless realities,[17].—Peevishness, with aversion to everything and to the least fatigue,[42].—*Excessively* ill-humored; everything became unpleasant to her, whereas she had been very cheerful previously; she was disinclined to think or write,[42].—Dislike to conversation,[42].—Very bad temper; disposition entirely changed; usually cheerful, she becomes morose; all mental exertion, even writing, is disagreeable to her,[1].—Is irritable and cross,[27].—Excessively irritable and weak, complaining chiefly of empty gone feeling at the epigastrium,[26].—Marked increase of intellectual aptitude without special exaltation of the imagination; he is conscious of greater aptitude for study, and the mind is unusually capable of sustained attention,[17].—It increases the power of receiving impressions; it disposes to pensive meditation, and causes greater activity and flow of ideas; the attention easily becomes fixed upon any subject; it causes a general sensation of health and gayety. After an hour, there succeeds to these agreeable sensations general nervous troubles, such as yawning, irritability, pains in the epigastrium, palpitation of the heart, trembling of the limbs, and general sadness. With these symptoms, there is associated a distressing and insupportable insomnia, with great, prolonged, nervous excitation, followed by lassitude and headache,[21].—During the sleepless night, the mind was in a state of most active and persistent thinking, in spite of all attempts at forgetfulness (Thein, 12 grains),[42].—[**30.**] Mind obscured,[16].—Weakness of memory,[33].—In the evening fits of insensibility, lasting three or four hours,[11].

Head.—Vertigo. Vertigo,[32].—Great vertigo, with darkness before the eyes (in a tea-drinker, cured with Thea 1, 200),[42].—Intoxication,[33].—Giddiness,[19].—When walking in the open air, she suddenly feels giddy, as if about to lose consciousness (in the evening),[1].—***General Head.*** Determination of blood to the head, with sensation of fulness, especially in the forehead over the eyes,[40].—Congestion of brain,[18].—[**40.**] Headache,[16]. —Excessively disagreeable headache, with throbbing of the carotids,[42].—Violent pain in the head,[19].—A prolific cause of sick headache,[29].—Sick headache occurring every week, so violent that nothing afforded relief; great soreness of the head, and weakness when the acute pain subsided,[42]. —Has either headache or backache,[27].—For more than three years, she was subject to sick-headache; these came on chiefly at the catamenial period, and also frequently in the intervals; the pain seems to begin in the left ovary and stomach, whence it seems to pass to the head,[28].—Neuralgic pain commencing in the nape of the neck, and on both sides of the base

of cerebellum, comparatively like a cold flat-iron introduced between the skin and skull, thence passing up over the whole cranium, descending over the forehead down to the eyes, with excruciating suffering,[42].—Frequent headaches,[26].—Severe headache in the morning and in the evening, often with nausea,[25].—***Forehead.*** [**50.**] Heaviness and compression in the forehead, principally when walking,[42]. — Heaviness, vertigo in the forehead, especially when walking,[1].—Intense pain in forehead,[42].—***Temples.*** Pains through the temples, throbbing, shooting, extending down to the nose. Attacks attended with great acuteness of the olfactory organs,[28].—***Vertex.*** Vertex; heat and vertex vertigo, with sensation of pulsation at vertex, can feel every heart-throb there,[40].—***Occiput.*** She suddenly feels a tensive pain in the lowest portion of the occiput, almost in the nape of the neck (in half an hour),[1].—From the beginning of the third day, neuralgic pain, with feeling of damp coldness in the occiput. The fixed seat of this pain, which consists of very sharp and rapid twitchings like electric shocks, is the right occipital protuberance. It extends more slowly to the nape of the neck, to the right shoulder, and even the arm of the same side. It was relieved by the application of the hand, or of a warm cloth,[17].—***External Head.*** Skin of the head and scalp tender and painful to the touch (Oo.),[42].—Great tenderness of scalp on vertex; can scarcely comb the hair,[42].

Eye.—Bright eye,[27].—Eyes unusually bright, with dilated pupils,[28].—[**60.**] Eyes glittering,[25].—Dryness of the eyes from much mental exercise during a sleepless night, followed by neuralgia of the eyes (Oo.),[42].—After awhile the eyes became dry, and resulted in neuralgia of the eyes (Thein, 12 grs.),[42].—Pupils dilated,[25 27 28].—Dimness of sight,[19].—Darkness before the eyes, with vertigo,[42].—Flashing, fiery lines darting from the eyes, and radiating outward from the axis of vision,[40].—Sparks before the eyes,[16].

Ear.—Neuralgic pains in the cartilage of the ears, with icy coldness of the parts, seeming almost impossible to restore warmth to them (Oo.). The pains extend to the molar teeth and cheek-bones (Oo.),[42].—Roaring in the ears,[16].—[**70.**] Hallucinations of the sense of hearing. For five nights in succession he thought he heard the door-bell very distinctly. This hallucination, which was renewed at different hours, followed me even into my sleep, and awakened me frequently with a start,[17].

Nose.—Generally has nosebleed before the menses set in,[27].—Soreness of the internal edge of the nose (Oo.)[42].—Constant desire to pick the nose (Oo.),[42].—Great dryness in nose (Oo.),[42].—Sensation at root of nose, as if epistaxis would occur,[40].

Face.—Wild and distressed expression of countenance,[6].—Pale face,[19].—Face pale, with circumscribed redness of the cheeks,[26].—Face flushed,[6 12 27].—[**80.**] Cheeks flushed,[25].—Cheeks easily flushed,[28].

Mouth.—The teeth are frequently diseased,[22].—Tongue clean and somewhat pale,[38].—Tongue red, with white slime (Oo.),[42].—Tongue suffers from stings like blisters; red spots and white blisters on the top of the tongue; exceedingly painful, as if scalded with boiling hot liquid (Oo.),[42].—Intolerably offensive breath on waking in the morning,[1].—Sensation of scraping at the soft palate,[1].—The whole buccal cavity feels dry and sensitive (Oo.),[42].—A great deal of saliva in the mouth, during the first hours, with sensation of hunger. Six hours after, unpleasant dryness of the mouth, scanty, viscid saliva, with feeling of satiety, although he had eaten very little, with a little thirst. After drinking, the mouth is filled with viscid saliva,[1].—[**90.**] Bitter taste in mouth,[42].

Throat.—Diphtheritic sore throat,[42].—Painless swelling of the mucous membrane of the pharynx,[17].—Uneasy feeling in the pharynx, as if it was obstructed by a foreign body,[17].

Stomach.—Appetite and Thirst. The appetite is not so good. Sometimes I feel as if very hungry, but a little satisfies me, and a feeling of satiety quickly succeeds (sixth day),[17].—Appetite returns two hours earlier than common. There is an empty feeling in the stomach, and a sort of faintness at the habitual dinner hour, although he had eaten as hearty a breakfast as usual,[17].—He lost his appetite for dinner if he drank a cup of tea previous to his meal,[30].—Bad appetite,[22].—Complete loss of appetite for many days,[25].—Loathing of food until noon; then she eats, but very sparingly,[1].—[**100.**] She is thirsty, but cannot bear cold water, every mouthful affects her head like a shock,[25].—Extreme thirst, or rather craving for acids, especially for lemons,[25].—She often felt a loathing against tea, but still could not resist it,[25].—No thirst, but craving for acids,[27].—Dislikes cold water,[26].—She never feels thirsty, and never drinks cold water,[28].—***Heartburn.*** Occasionally a slight degree of heartburn,[38].—Pyrosis,[22].—***Nausea and Vomiting.*** Distressing nausea,[19].—Slight nausea, lasting two hours,[23].—[**110.**] Nausea and vomiting after eating; cured,[42].—Vomiting of bile occurs, but never of food, when the pain has reached its height,[28].—Exertion produces vomiting during the headache,[28].—Generally vomited the meal which she had lately taken,[5].—Disposition to vomit; a double dose increases this inclination, the sick feeling, and the disagreeable feeling in the stomach,[31].—***Stomach.*** Digestion is sensibly accelerated, without noticeable disturbance,[17].—Sensation in the pit of the stomach as if one would vomit,[15].—Exceedingly unpleasant feeling of weakness of the stomach; sense of disgust, with nausea and accumulation of saliva in the mouth. His stomach seems to hang in his body like an empty bag; sensation such as results from cleaning out the stomach by an emetic,[1].—Sensation of emptiness and nervous excitability, with constriction, preventing a deep-drawn breath (Oo.),[42].—The feeling of emptiness in the stomach is more decided than the distress caused by night-watching at dinnertime (second day),[17].—[**120.**] Frequent attacks of spasms of the stomach, any slight exertion would suffice to bring on the attack, so that she could scarcely walk without being seized with it,[7].—She was seized with a great sense of sinking and oppression at the stomach. In a quarter of an hour she was tossing about, groaning loudly with every breath, occasionally rubbing her stomach with great violence. She described the pain as a dull aching, benumbed feel, with an extreme sense of sinking and oppression,[6].—Sinking and craving in the stomach, with fluttering in the left side,[11].—Great emptiness and craving at the pit of the stomach,[25].—Complained of a *faint, gone feeling,* which had troubled her for years; these sensations had recently assumed the character of intolerable dull pain after every meal, cramplike and pressing, reaching up into the throat, and often waking her from sleep at night,[27].—Complaining chiefly of empty, gone feeling at epigastrium,[26].—Slight pressure in the epigastrium (in a quarter of an hour),[1].—Sudden and oft-repeated pressure at the epigastrium,[1].—Pain after eating, with sinking and emptiness at the pit of the stomach,[5].—Pain in the epigastrium and umbilical regions, not of an acutely spasmodic, but of a severely aching character; this pain came on at irregular intervals, but principally a short interval after eating, and was on some days scarcely ever absent, except before breakfast; there

was no abdominal nor spinal tenderness, nor were there any neuralgic foci,[38].—[**130.**] Tickling in the pit of the stomach, causing presently a dry cough, which increases in violence till it shakes the whole digestive organization, bringing on neuralgic head-symptoms described above, with excruciating pains, seemingly unendurable (Oo.),[42].—Great sensitiveness of the epigastrium, feels as if she "had caved in,"[28].

Abdomen.—After luncheon, painful stitch below the ribs, extending from the right towards the left side, and returning in paroxysms,[1].—Relaxation of the fibres of the abdominal intestines,[4].—Transient borborygmi in the abdomen, and especially in the epigastric region,[1].—Liability to hernia,[4].

Rectum.—Tumefaction of the inferior extremity of the rectum, with a very slight itching,[17].

Stool.—Chronic relaxation of the bowels; aggravated by beer, relieved by port wine,[24].—Relaxation of the bowels, profound constipation (Japan tea),[42].—Three or four stools daily, of natural consistence, but formed very thin,[17].—[**140.**] In the daytime, two stools instead of one,[17].—Three natural stools during the day (second day),[17].—The stools have become very irregular, in part hard and dry, the rest scarcely formed (sixth day),[17].—Stools irregular and costive,[25].—Costiveness,[22].—Constipation in some,[35].—Excessive constipation,[28].

Urinary Organs.—Very marked increase of urea,[16].

Sexual Organs.—Erections,[16].—Unnatural excitement of the sexual organs,[39].—[**150.**] Soreness and tenderness of the right ovary,[28].—Menses appear only once in seven weeks, are scanty, and accompanied by severe uterine, cramplike, bearing-down pains, from beginning to end of menstrual period. It is not quite evident that these symptoms arose in consequence of the tea, but were undoubtedly aggravated by it,[27].

Respiratory Organs.—All the signs of an œdematous swelling, perhaps general, but more probably partial, of the mucous lining of the respiratory and digestive tracts, phenomena evidently analogous to those which were brought out on the skin, and which are, relatively to my constitution, the symptoms characteristic of Tea,[17].—Scraping in the larynx (sixth to twelfth day),[17]. —***Voice.*** Hoarseness, amounting almost to aphonia (sixth to twelfth day),[17].—***Cough and Expectoration.*** Dry cough during one day,[17].—Severe cough and bloody expectoration,[13].—***Respiration.*** Respiration is greatly increased, the respirations being increased in frequency and amplitude,[41].—Respiration irregular and oppressed,[2].—Gasping for breath,[2].—[**160.**] Unable to go upstairs, without experiencing great breathlessness and palpitation of the heat,[5].—Great breathlessness on the least attempt at walking,[9]. —Sensation of suffocation,[19].—Slight fits of apparent asphyxia recurred every five or six minutes,[2].—Frequent paroxysms of asphyxia, like nightmare, with violent spasmodic pain in the præcordial region, with intermittent, irregular, at times suppressed respiration,[15].

Chest. — Oppression of the chest,[16]. — Oppression of the chest and heart,[37].—Sense of constriction of the chest,[19].—Great fulness about the clavicles, with a feeling of suffocation,[9].—Fluttering in the left side, with a sense of fulness about the clavicles,[5].—[**170.**] Tightness across the upper part of the chest, which obliges her to sit upright in bed,[8].

Heart and Pulse.—Præcordium. Anxiety in the præcordium,[15].—Oppression of the heart and chest,[37].—Feeling of anxious oppres-

sion about the heart,[42].—Strong infusions sometimes produce a painful oppression and sensation of anguish in the region of the heart,[41].—Acute pain, as from a spasm in the region of the heart; and in spite of all his efforts he felt as if he were continually falling into deliquium,[2].—A certain uneasiness of the heart, general trembling and debility, making him feel somewhat sick the next day,[42].—Unusual and distressing sensation about the præcordia, as if he were continually on the verge of fainting,[2].—***Heart's Action.*** Heart sometimes palpitated, and at other times seemed motionless,[2].—Palpitation,[16 18 19].—[**180.**] Palpitation of the heart at night, with inability to lie on the left side,[23].—Palpitation of the heart and oppression in the præcordia; these symptoms, however, soon subsided. If taking tea at supper, he generally experienced a slight feeling of anxiety in the præcordial region, and a sleepless night; but if his brain was more than ordinarily excited by a lively conversation, or by continued thinking, the anxiety disappeared, and he had a refreshing sleep,[36].—Palpitations of the heart; on examination, I generally find dilatation, with thinning of the heart,[22].—Violent palpitation, and considerable pain in the region of the heart,[9].—Sibilant râle from time to time,[17].—In the worst instances that are on record, the fluttering of the heart has been succeeded by a momentary suspension of its action, and long-continued swoonings,[19].—***Pulse.*** Pulse very rapid, irregular, often intermittent,[16].—Pulse quick, small, and feeble,[8].—Pulse quicker and stronger than it had been in the course of her illness,[6].—Hurried pulse,[32].—[**190.**] Pulse fast,[25].—Pulse at first accelerated, afterwards diminished, irregular and even intermittent,[37].—Pulse altered, both in frequency and in strength; in some cases it is weak and slow, in others fluttering or intermitting; this state of depression of the circulating system occasionally becomes alarming,[19].—Pulse expanded, 120,[9].—Pulse full and quick,[12].—Pulse 92, then 84, then 80,[42].—Pulse irregular, small and slow, at times hardly perceptible, lasting two hours,[23].—The pulse became quicker, then slower, irregular, and intermittent,[42].—Pulse feeble, irregular, and intermittent, in an extraordinary degree,[2].—Very irregular, intermittent pulse,[15].—[**200.**] Pulse scarcely discernible, and extremely irregular,[3].

Extremities.—Symptoms of paralysis; the extremities becoming numb, and partial loss of the use of the legs,[42].—Joints of the hands and feet tender, and sensitive of touching them (Oo.),[42].—Nervous excitability in wrists, feet, and hands (Oo.),[42].

Superior Extremities.—Could not sleep at night for a violent pain on the inside of her arms, above the elbow, which awoke her after she had been asleep about half an hour,[8].—The hand trembled so violently, that it was impossible to write with any regularity, nor could it be restrained for more than a few seconds; (after Thein, 12 grs.),[42].

Inferior Extremities.—Sensation on the under side of either or both thighs as if the circulation had ceased, causing great nervousness, and a desire to kick out the leg with force to restore sensibility (Oo.),[42].—Pain in the sciatic nerve (Oo),[42].—Neuralgic pains in the outer hamstrings (tendon of the biceps) of either leg (Oo.),[42].—Inability to lift the legs affected, sometimes the right, at others the left (Oo.),[42].—[**210.**] Restlessness of the feet, cannot keep them quiet in the evening (Oo.),[42].—Sensation as if the weight of a sheet even would crush the toes (Oo.),[42].

Generalities.—

In twenty-four hours.	First series. 1260 grams of water being taken.	Second series. 1260 grams of tea being taken.
A. Exercise.	84.14 minutes.	87 minutes.
B. Excretions.		
1. Loss of weight,	539.000 grams.	203.000 grams.
2. Quantity of fæces,	178.30 "	96.000 "
3. Calculated perspiration,	1349.90 "	1335.7 "
4. Urine,	2621.143 "	2550.000 "
Water,	2543.519 "	2474.016 "
Solids,	77.624 "	75.984 "
Urea,	35.194 "	34 221 "
Uric acid,	0.356 "	0 231 "
Ammonia,	0.421 "	0.660 "
Muriate of am.,	1.250 "	1.959 "
Oxalic acid,	0.092 "	0.088 "
Potash,	4.466 "	5.274 "
Sulph. acid,	2.841 "	2 815 "
Sulph. of potash,	6.187 "	6.132 "
Chloride of potassium,	1.774 "	3.113 "
Chlorine,	11.475 "	10.687 "
Chloride of sodium,	16.156 "	13 043 "
Phosph. acid,	2.923 "	2.926 "
Phosphate of soda,	5.483 "	5.488 "
" " lime,	0 724 "	0.772 "
" " magnesia,	0 756 "	0.717 "
Salts by incineration,	28 663 "	27.229 "
Volatile salts and extractives,	13.309 "	14.304 "
C. Food—total weight,	3610.50 "	3617.00 "
Water,	2938.84 "	2957.87 "
Solids,	671.66 "	659.13 "

[18].—

Lying on a sofa, his lips and countenance bloodless, his skin bathed with a cold, clammy moisture, and his pulse so slow and feeble as scarcely to be felt,[10]—She is lean and pale,[28].—An enormous tumor, almost as large as the fist of an adult, is developed in the lumbar region. This tumor, quite circumscribed, is almost indolent, even to pressure. It is movable, and appears formed in the thickness of the derma. The skin which covers it is of a lively pink. The tension of the integuments is felt even to the hips, and is accompanied by a constant itching. After twenty-four hours passed without taking the medicine, this tumor was almost reduced (eighth day); a similar tumor, a little less prominent, but larger, manifests itself on the external and superior portion of the right thigh (eleventh day); a third tumor on the palmar aspects of the right wrist. The mobility of the skin, in this region, permits me to state positively that the ganglionic engorgement exists in the thickness of the former. During twenty-four hours the hand is completely engorged, so much so as to disable me from writing (twelfth day); finally, the same symptom shows itself simultaneously on the scrotum, the penis, and the prepuce, in such a manner as to resemble at once an *enormous* hydrocele and a phimosis. The parts affected are, moreover, absolutely indolent. These tumefactions, like the others, require two days for their resolution (thirteenth day),[17].—Trembling of the whole body,[25].—Little isolated twitchings, exactly resembling the sensation caused by electric sparks, in different parts of the body, especially in the forearms, the hands, and the finger-joints (after three days),[17].—Epilepsy,[34].—Epilepsy in a child from swallowing a con-

centrated infusion,[1].—[**220.**] Convulsions; the muscles of the limbs were principally affected,[12].—Great agitation,[2].—Oppression, slight nausea, general tremor, palpitation and oppression of the heart, with feeling of debility, as if the knees would not support the body,[42].—Vascular excitement and sleeplessness in some,[35].—Languor,[33].—Debility,[31].—Great debility,[32]. —Feeling weak and exhausted,[38].—Weakness and pain in the small of the back,[39].—General weakness, especially after every meal,[27].—[**230.**] A sense of general weakness for two hours after breakfast,[23].—A glass of sherry or beer always shortened the attacks of weakness, irregularity of the pulse, and nausea,[23].—Great general weakness, and above all, an uncontrollable longing for tea; a bowl of strong tea was the only source of relief, removing the sensation of "goneness," and giving new vigor for a short time,[25]. —Great inclination to lie down, with dread of movement,[1].—Aversion to movement (sixth day),[17].—Incapability of muscular action,[19].—Great loss of muscular energy,[14].—Very disagreeable feeling, as if she was going to faint away,[1].—Great feeling of faintness,[5].—Exceeding sensibility to the least draught of air, it causing a deathly coldness to the cartilages of the ears (Oo.),[42].—[**240.**] A kind of dull agitation, at first in the limbs, seeming to proceed from the periphery to the centre, that is, extend from the muscular apparatus to the nervous centres,[17].—Sinking, craving, fluttering feeling, often described,[7].—If wine or beer was drunk after the tea, the sleeplessness and general malaise was not experienced; but if strong beer was drunk before the tea, this beverage diminished the frequency of the pulse, and afforded a feeling of comfort and increased buoyancy of mind and body,[37].—The effects of the tea were always aggravated when I drank it fasting,[23].—Feels generally worse in the afternoon,[27].

Skin.—Great dryness of the skin, as if the pores were obstructed (Oo.),[42].—The skin on the ends of the fingers peels up, from excessive dryness (Oo.),[42].—Eruption of red pimples, indolent or very slightly painful, extending, sometimes in clusters, sometimes singly, over the neck, the shoulders, and especially the thighs. Some of these pimples are the size of large peas. They are easily broken, bleeding a little, and drying up very soon (after three days),[17].—Itching of different parts of the body, more especially the anterior surface of the thighs (after two hours),[17].— The itching of the thighs extends to the legs, and manifests itself, especially at the ankles and instep (second day),[17].—[**250.**] Sensation of crawling and pricking under the skin in various parts of the body, and the extremities, with desire to scratch, and causing extreme irritability (Oo.),[42].

Sleep.—Sleepiness in the daytime (sixth day),[17].—Disposition to sleep,[31]. —Sits up late at night because she cannot sleep, and often lies awake until morning,[27].—A quiet refreshing sleep followed the excitement caused by animated conversation, and intense thinking,[42].—Sleeplessness,[16].—Sleeplessness from 10 P.M. till 2 A.M., the mind meanwhile in a state of irritation and persistent thinking, in spite of all attempts at forgetfulness,[42].—Sleeplessness, with dryness and heat of the skin, and continued tossing,[42].— Wakefulness and entire inability to sleep; afterwards the eyes become dry, and results in neuralgia of the eyes (Oo.),[42].—Loss of sleep,[18].—[**260.**] Sleeplessness or frequent starting from sleep,[15].—A cup of tea taken before retiring kept him awake for a few hours,[30].—Sleepless nights, relieved by beer,[24].—The nights are restless; almost complete sleeplessness (sixth day),[17]. —At night, tardy slumbers, with anxiety in the limbs, slight acceleration of the beats of the heart, sweat on the præcordial region, dry heat of other

parts of the body,[17].—She sleeps very little, and often lies awake all night,[23]. —Troubled slumber, waking at intervals,[2].—Awoke suddenly, as from a struggle of incubus,[2].—The ordinary effect of green tea taken late at night is incubus or nightmare in its most formidable shape; and many persons who, after a hearty dinner, have taken green tea, wake in the midst of the night in a state of the most fearful agitation and excitement; the head is oppressed, a sensation of approaching death is felt, or sometimes the person seems to be dragged from the lowest abyss of darkness back to the world, from which, during his paroxysm, he had felt gradually to sink,[30].—Horrible dreams. I murdered, in cold blood, young boys and young girls. These crimes caused in me no horror, nor even any emotion, and even after waking I found pleasure for a long time in the hideous remembrance of this dream,[17].

Fever. [**270.**] Intense coldness passing over the whole head (Oo.),[42].—Decrease of temperature,[31].—Skin cold,[19].—Hands and feet as cold as marble, and bedewed with a clammy perspiration,[19].—Almost immediate increase of general heat,[17].—Excessive internal heat, with flushes of heat upon the surface, coming and going quickly,[25].—Disposition to perspire,[31].—Bedewed with chilly moisture,[2].

Conditions. — **Aggravation.** — (*Morning*), Nausea. — (*Afternoon*), Feels worse.—(*Evening*), Nausea.—(*Night*), Hallucinations of hearing; palpitation of heart.—(*Beer*), Relaxation of bowels.—(*Exertion*), Vomiting.—(*After luncheon*), Stitch below ribs.—(*After meals*), Weakness.—(*Walking*), Breathlessness.—(*During walk in open air*), Vertigo.

Amelioration.—(*Beer*), Nausea; irregularity of pulse; weakness; sleeplessness.—(*Pressure of hand*), Pain in occiput.—(*Warm bath*), Pain in occiput.—(*Port Wine*), Relaxation of bowels.

THERIDION.

Animal kingdom.

Class, Arachnida.

Order, Araneideæ.

Theridion curassavicum, Walk.

A small spider inhabiting the West Indies frequently found on orange trees.

Preparation, Tincture.

Authority. C. Hering, M.D., provings on himself and others, Monograph, Appendix to Hahnemannian Monthly, and in Materia Medica, vol. 1.

Mind.—Very joyous; he sings, although the head is internally hot; oppressed and heavy.—At night an imaginative excitement in the head and rushing in the ears.—*Time appears to him to pass more rapidly*, although he does very little.—Much inclined to talk and to occupy his mind; remains awake late in the evening.—After spirituous beverages unusually talkative.—He constantly tries to occupy himself, but finds pleasure in nothing.—Despair; want of self-confidence; he gives himself up.—*Great inclination to be startled*, with many provers.—When there is cause to be startled he is startled inordinately.—[**10.**] *Great aversion to work.*—Aversion to professional labor.—Every occupation tires him at once; is sick of everything, and what he ought to do is most disagreeable to him.—Great sluggishness; he is disinclined to rise in the morning, and after rising is indolent.—Thinking is hard for him when it is of a comparative nature,

but not when it is creative, *e. g.*, he can easily write out a case or problem, but finds it difficult to select remedies; writes treatises with facility, but finds it hard to classify and determine places in systems.

Head.—Vertigo. *Vertigo and nausea increased to vomiting.*—Vertigo renewed from the least motion, during nocturnal paroxysm.—Vertigo increased by every noise or sound.—Vertigo and nausea when her eyes are closing from weariness.—Vertigo; awakes from sleep at night, at 11 o'clock. —[**20.**] Much vertigo on every occasion, particularly on stooping.—On turning round, her head is dizzy.—***General Head.*** *It feels as thick in her head *as if it were another, strange head*, or as if she had something else upon it.—*" *So thick in her head," with nausea and vomiting on the least motion, particularly when closing the eyes.*—Head very much oppressed and heavy.—Oppression of head, hindering his studies.—Headache in the morning after the nocturnal paroxysm.—**Headache in the beginning of every motion.*—Evenings, while walking, he is attacked by general headache, with great depression.—Head much affected after the flickering before the eyes.—[**30.**] Owing to pains deep in the brain she must sit or walk; it is impossible to lie.—Headache like a pressing band in the root of the nose and over and around the ears.—Oppression and fulness behind the ears.—*Headache behind the eyes.*—Pressing together in the temples.—Stinging in left temple.—In the evening itching on the head and nape of neck.

Eye.—On awaking, burning pain internally above inner canthus.—(The flickering used to be followed by headache; after the remedy the flickering appeared alone).—She lost her vision; everything seemed very far, as if a veil were drawn before her; it blazed and flickered before her eyes; she was obliged to lie down; even when closing the eyes flickering continued; thereupon very weak, and the head much affected.

Ear. [**40.**] During the rushing sound her hearing is not so good as formerly, notwithstanding the rushing.—Roaring in the ears.—All loud noises make too strong an impression on her; Aconite relieved.

Nose.—Paroxysm of frequent, violent sneezing, and frequent necessity of blowing the nose, thereupon heaviness deep above the nose.—Much sneezing all day and discharge of water from her nose, however, without development of coryza.—In the evening, running coryza, with much sneezing (fifth day).—Nose dry, as if too much air passed in.—More itching in the nose.

Face.—In the morning on awaking, and sometimes at other times of the day the lower jaw is immovable; but then opens, as it were, of its own accord.

Mouth.—Teeth. (Toothache in the afternoon and evening, causing weeping; it rages everywhere, but drawing particularly in the roots of the sound eyeteeth.)—[**50.**] Teeth, gums, and palate affected by burning and tensive pain.—When ordinary cool water is taken into the mouth *it affects his teeth as if it were too cold.*—Every sound penetrates the teeth, *e. g.*, crowing of cocks.—***Gum.*** Gums, mouth, and nose appear to be dry; at the same time he feels as if too much air were passing into the mouth.—Gums become sore.—***Tongue.*** (The tongue seems as if burnt; it is so numb that she can tell nothing properly.)—***General Mouth.*** Froth before the mouth, with the shaking chill.—His mouth has become as impure as if the teeth were full of slime; must rinse his mouth frequently.—Sliminess in the mouth.—***Taste.*** There is no proper taste; her mouth feels furred (benumbed).

Throat. [**60.**] Little pressure, as if something deep below in the

œsophagus were slipping towards the epigastrium, taking away the breath for a few moments.—Throat as if scalded, after vomiting.—Throat felt scalded in the morning, after the nocturnal paroxysm.—Deep down in the œsophagus it presses towards the epigastrium.

Stomach.—Appetite and Thirst. *Constant desire for food and drink, he knows not what.*—Much increased desire to smoke tobacco.—Appetite for acidulous fruits.—*Much thirst.*—After midday sleep, thirst.—Inclination to drink wine and brandy.—***Nausea and Vomiting.*** [70.] **Nausea* caused by the vertigo, after every loud sound.—Nausea from vertigo on the least motion.—Nausea increased to vomiting, during the vertigo.—Nausea on rising in the morning.—Moschus relieved the nausea, appearing after it on opening the eyes.—Qualmishness in the morning.—Retching and vomiting, with icy perspiration during the nocturnal paroxysm.—Vomiting of bile, in the morning.—Vomiting, first of slimy acrid water, then ineffectual retching during nocturnal paroxysm.—***Stomach.*** Pressure on the epigastrium causes pain (of which, however, the prover had often complained).

Abdomen. [80.] More discharge of flatus than usual.—Pain in the groins after coitus.—Pains in the region of the groin on motion; when she draws up her leg it seems as if some one tapped her hard on the groin.

Rectum and Anus.—(A spasmodic contraction of the rectum and anus returns again.)—The anus protrudes and is painful, especially while sitting, without hæmorrhoidal bunches, which he usually has frequently; this passes off, returns again later, and then hæmorrhoidal tumors appear.—A heaviness in the perineal region, which he has had for a long time, now becomes noticeable at every step; it seems to him as if a lump were lying there.—Desire to go to stool appears later and less urgent than usual.

Stool.—Diarrhœa without colic with the vomiting and vertigo at night.—After a long time he has a little scanty discharge, with much urging (tenesmus).—Instead of two stools as usual, she now has only one.—[90.] Stool is not hard, still the discharge becomes more difficult towards the end.—No stool for several days (after first dose of 30th).—Not until the third day there was a scanty papescent stool, with much urgent desire; the next day it was still thinner and scanty; then for one day there was no stool, and after that as usual.

Urinary Organs.—Increased urination with an elderly woman not disposed to it.—Much urination with a young man disposed to it.

Sexual Organs.—Male. Strong erections in the morning without desire (sixth day).—Weak erection during coition (third day).—(Upon the glans, little red spots.)—Scrotum very much shrivelled.—The excessive sexual desire is immediately lessened, but the usual morning erections remain.—[100.] Sexual desire appears to have vanished, nor will erections take place (fourth day).—Less sexual desire, he is more able to control it.—During the nap after dinner, a seminal emission so inordinately violent and profuse as to penetrate three feet upward beneath the clothing (eighth day); had been obliged to take some tincture of anise during the day.—***Female.*** Menses omitted after the proving more than ten weeks, in a woman in the climacteric years, but who, in the following year, gave birth to a son as unexpectedly as Sarah.

Respiratory Organs.—Night cough.—Increased inclination to take deep respiration, to sigh.

Chest.—*Violent stitches up high in the chest*, beneath the left shoulder; are perceived even up in throat.—Pinching stitches in left pectoral muscle.

Pulse.—Pulse accelerated in the morning after the nocturnal paroxysm.

Back.—Her back was tired in the morning after the nocturnal paroxysm.—[110.] Pain between the shoulders.—Loins affected after vomiting.

Extremities.—Heaviness in all limbs before the chill.—After breakfast, heaviness in every limb; he must lie down; grows sleepy; he is attacked by a severe internal chill so that he trembles (a few hours after globules of the 30th cent.).

Superior Extremities.—Stinging pain from elbow to shoulder.

Inferior Extremities.—In the evening while sitting, and later, peculiar drawing in the right thigh; it began in the hip and passed downward, with a cold sensation below the knee; it felt everywhere cold internally, but not to the touch; still external warmth was agreeable.—Being internally cold, it draws from the hip to below the knee without external coldness; warmth is agreeable.—In the afternoon her knees trouble her.—Swelling of the feet (secondary effect of the bite).—The little toe pains as if pressed in walking.

Generalities. [120.] Paroxysm; she awakes, after a short sleep, at 11 o'clock; already in sleeping she felt the vertigo, and was awakened thereby; could not remain lying; tried to reach the chamberpot, but fell down as in a swoon; cold sweat broke out; she strains to vomit till this takes place, and is repeated every quarter of an hour, during which icy perspiration breaks out all over her; at the same time she has several attacks of diarrhœa without abdominal pain; at first she vomited acrid slimy water, almost preventing her from regaining her breath; at length she felt entirely empty at the stomach; the least motion again brought on vertigo and vomiting; she dares not stir, and when her eyes closed, the lids falling, as it were, from being tired, vertigo and nausea immediately returned; after taking Mentha pip. she had some hours of sleep; in the morning on rising, the nausea came again and she vomited bile; her throat felt as if scalded; her back was tired, pulse accelerated, together with headache.—She is so weak that she cannot stand long; she becomes tremulous and perspires.—Very weak after the flickering before the eyes.—He feels exhausted and tremulous, but without trembling.—*Every penetrating sound and reverberation penetrates through her whole body, particularly through the teeth, and increases the vertigo, which then causes nausea.*—Great exhaustion; he is quite unable to work.—Without feeling pain, she has such a queer sensation in her whole head that she cannot describe it.—Pains in all the bones, as if every part would fall asunder; feels as if broken from head to foot; thereupon violent coldness so that nothing would warm her; without thirst (after the bite).—If violent symptoms sprang up suddenly, Aconite relieved.—Later symptoms, and those remaining long after proving several times, demanded Graphites.

Skin. [130.] Small hard pimple beside the ball of the thumb.—Itching in the nape of the neck.—Itching in the back.—In the morning, itching at the edge of the shoulder.—Violent burning itching on inner and upper part of left ring finger; the spot becomes very red; soon disappears.—*Itching and knots on the nates.*—Violent itching on the calf.

Sleep.—She is very sleepy in the morning early.—Sleepy after breakfast, before the chill.—Long and dreamful midday sleep; dreams of journeys in distant regions, and riding on horses; a person who scarcely ever

sat upon a horse.—[**140.**] She sleeps throughout the whole day.—Remains sleepy and tired all the morning.—Very deep night-sleep.—While sleeping, he often bites into the point of his tongue, so that it is sore the following day; this occurs frequently, even after the lapse of weeks (similar to Phosph. acid, which, however, has it only laterally).—Dreams that he broke off a tooth.

Fever.—Violent shaking chill, during which foam appears at the mouth (after the bite).—Sweating and tremulous.—Light perspiration after walking out.—More perspiration after walking and driving.—Icy sweat covers the body, with faintness and vertigo, and vomiting at night.

Conditions.—**Aggravation.**—(*Morning*), Qualmishness; vomiting.—(*Afternoon*), Toothache.—(*Evening*), Toothache.—(*After coition*), Pain in groins.—(*Motion*), Vertigo; headache; nausea; pain in groin.—(*Noise*), Vertigo.—(*Stooping*), Vertigo.—(*Loud sound*), Vertigo.

THEVETIA.

Thevetia nereifolia, Juss. (Cerbera thevetia, Linn.)

Natural order, Apocynaceæ.

Common names, Ahovai-baum (of the Antilles).

Authority. Dr. John Balfour, Edin. Med. Journ., 1856, p. 1094, effects of eating some seeds in two boys, aged eight years and six years and a half.

A tendency to sleep, disturbed every three to five minutes by irritation in the throat, and the discharge of a mouthful of frothy mucus with a sort of gulp; this action was very peculiar, I have never seen anything like it before; then the child would lie down and close his eyes until again disturbed.—Vomiting.—Bowels of both moved twice or thrice.—Pulse of the older, 60; of the younger, 70.

THUJA.

Thuja occidentalis, L.

Natural order, Coniferæ.

Common names, Arbor vitæ; (G.), Lebensbaum.

Preparation, Tincture of the green twigs.

Authorities. (1 to 11 from Hahnemann, R. A. M. L., 5.) **1**, Hahnemann; **2**, Fr. H–n; **3**, Franz; **4**, Gross; **5**, Hartmann; **6**, Haynel; **7**, Hempel; **8**, Langhammer; **9**, Teuthorn; **10**, Wagner; **11**, Wislicenus; **12**, Wolf, Hom. Erfahrungen, vol. 2, p. 203, proving with a single pellet of 1000th pot. (Jenichen), allowed to act for two years in my own person, and the results combined with provings on a hundred others of both sexes and all ages, examined with all possible care. (13 to 19 from Schreter, A. H. Z., 62, p. 37; 66, p. 207; and 68, p. 86.) **13**, Schreter, who had suffered for many years from prolapsus of the rectum and hæmorrhoids, on account of which he had used a **T** bandage,† took 1000th; **14**, Mrs. Schreter, æt. forty-eight years, took the same; **15**, L. R., a man, æt. sixty years, suffering from difficulty of hearing; **16**, Mrs. L. K., æt. fifty-two years; **17**, Miss K. O., æt. twenty-nine years; **18**, Mr. G. A., æt. thirty-two years, took 1000th; **19**, Mrs. A. M., æt. thirty years, took the same. (20 to 88 from Austrian provings, Œst. Zeit. für Hom., 2, 310.) **20**, Böhm, took 5 grains

† The numerous symptoms of the stool and rectum are omitted.

1st trit. of dried twigs (1 : 99) an hour before breakfast (first day), 10 grains in the morning (third, fourth, seventh, ninth, and thirteenth days), 20 grains (twentieth, twenty-fourth, twenty-eighth, and thirty-second days); **21**, same, two months and a half later, diluted 10 drops tincture with 6 ounces distilled water, and took two tablespoonfuls in the morning (first day), four tablespoonfuls (third day), eight tablespoonfuls (eighth day); 10 drops of the undiluted tincture on sugar (thirteenth day); **22**, Fröhlich, chewed a few fresh twigs and swallowed the juice (first, second, and third days); **23**, same, took, several days later, 3 drops 3d dil. in water before breakfast (first day), 6 drops in the morning (fourth day), 12 drops (eleventh day); **24**, same, took 20 drops tincture in water (first day), 30 drops in the morning (second day), 40 drops (third, fourth, and fifth days), 60 drops (sixth day), 80 drops (seventh day), 100 drops (thirteenth day); **25**, same, a month later, took 20 drops 11th dil. in 3 ounces distilled water (first day), 12 drops (fourth day); **26**, same, two weeks later, took 80 drops tincture before breakfast, after which he drank a glass of water (first day), 100 drops (third, fifth, seventh, ninth, eleventh, and fourteenth days); **27**, same, two weeks later, took, before breakfast, a tablespoonful of recently expressed juice, obtained by crushing the twigs and pouring on them equal quantities of distilled water and alcohol (first, twelfth, and thirteenth days); two tablespoonfuls (fourteenth day); **28**, Caroline Philipp, æt. forty-five years, took 10 pellets moistened with 3d dil. before breakfast (first, second, third, seventh to thirteenth, fifteenth, sixteenth, seventeenth, twenty-fourth, twenty-fifth, and twenty-ninth days); **29**, same, took 10 pellets of 202d dil. (first, second, eighth, and ninth days); **30**, same, twelve days later, took the same (first, second, third, fourth, sixth, seventh, and ninth days); **31**, Dr. William Huber, took dilutions prepared according to the decimal scale, 1 drachm 3d at 8 A.M. (first day), same at 5 A.M. (second day), a dose (third day), 1 drachm 5th dil. at 6 A.M. (fourth, fifth, and sixth days), 1 drachm 4th dil. morning and evening (seventh and eighth days), same in the morning (ninth day), 1 drachm 3d dil. at 7 A.M. (tenth, eleventh, and twelfth days), 1 drachm 2d dil. (thirteenth, fourteenth, and fifteenth days), 1 drachm 1st dil. (sixteenth, seventeenth, and eighteenth days); **32**, same, took 5 drops tincture (first day), 8 drops (second day), 10 (third day), 16 in the morning, 40 in the evening (fourth day), 26 (fifth day), 30 (sixth day), 60 (ninth day), 80 (tenth day), 100 (eleventh day), 120 (twelfth day), 140 in the morning (thirteenth day); **33**, same, some weeks later, took 10 drops 60th dil. (1 : 99) at 11 A.M. for four days, 12 at 10 A.M. (fifth day), 15 (sixth day), 17 (eighth day); **34**, W. Huber, brother of same, began with 30th dil., taking 100 drops every morning before breakfast until he reached the 1st dil.; **35**, same, from the 1st until the 12th of May, took from the 18th to the 7th dil.; **36**, same, from 13th to 18th of May, took from the 6th to the 1st dil.; **37**, same, took 10 drops tincture before breakfast, increasing the dose every day by 10 drops; **38**, same, took 200 drops tincture (first, third, and sixth days); **39**, Mrs. H., took daily 100 drops of various dilutions from the 30th to 1st dil.; **40**, same, took 10 drops tincture for ten days in succession; **41**, three of Dr. H.'s children, æt. five, seven, and ten years, proved the dilutions from the 30th to the 1st; **42**, a woman, affected with warts, took 6 drops tincture (first to twenty-eighth day), 10 drops (twenty-ninth to fifty-fifth day); **43**, Frederick Lackner, æt. twenty-two years, took 6 drops tincture (first day), increasing the doses daily by 2 drops to the ninth day, then by 5 drops to the twelfth day, 38 drops (thirteenth day), 40 (fourteenth day), increasing by 5 drops to the thirtieth

day, then by 10 drops, so that he took 400 on the seventy-sixth day, 410 (seventy-ninth day), 420 (eightieth day), 430, 440, 450 (following days), increasing by 10 drops (from ninety-first to ninety-sixth day), 520 (ninety-ninth day), 530 (one hundredth day), 540 (one hundred and first day), 550 (one hundred and twenty-first day), 560 (one hundred and twenty-second day); **44**, Jacob Landemann, took 3 globules of 27th dil. an hour before breakfast for seventeen days, then 6 globules 6th dil. (seventeenth to twenty-fifth day), 27th dil. and 5 drops beside every morning (the twenty-sixth to the thirtieth day), 5 drops 6th (thirty-second, thirty-third, and thirty-fourth days), 10 drops 6th (thirty-fifth to forty-fifth day), 15 drops (forty-sixth to fiftieth day), 40 drops 1st dil. (fiftieth to fifty-sixth day), 30 drops (fifty-seventh day); **45**, Dr. Liedbeck, æt. forty-two years, often suffering from catarrh and hæmorrhoids, took a teaspoonful tincture at 5 P.M. (first day); 60 drops in the morning and afternoon (second day), 70 (third day), 140 (fourteenth and fifteenth days); **46**, Dr. Maschauer, took 10 drops tincture (first, second, and third days), 30 (fourth and fifth days), 40 (sixth day), 50 (eighth day), 60 (twelfth and thirteenth days), 70 (sixteenth day), 80 (seventeenth and eighteenth days), 100 (nineteenth and twenty-third days), 124 (twenty-fourth day), 140 (twenty-fifth and twenty-sixth days), 160 (thirtieth and thirty-first days), 180 (thirty-fourth day), 200 (thirty-fifth day); **47**, same, took 10 drops 3d dil. and increased the dose daily by 10 drops until the eleventh day, 10 drops 2d dil., morning and evening (twelfth to nineteenth day), without results, 10 drops 1st dil. twice a day (twentieth to twenty-third day), 15 drops 1st twice (twenty-fourth day), 30 in the morning, 15 in the evening (twenty-sixth day), 30 (twenty-ninth day), 30 in the morning, 20 in the evening (thirtieth to thirty-seventh day); **48**, Dr. Mayrhofer, took 50 drops tincture morning and evening (first day), 100 morning and evening (second day), 100 in the morning, 200 in the evening (third day), 200 morning and evening (fourth day), 300 at 6 A.M. (fifth day), 300 (sixth day), 300 at 6 A.M. (seventh day), 400 at 9 P.M. (ninth day), 500 in the evening (twelfth day), 500 (twentieth, twenty-first, twenty-third, twenty-fifth, and twenty-sixth days), 600 (thirtieth day), 1000 in a pint of water (thirty-fifth day); **49**, same, took 300 drops tincture at 4 P.M. (first day), in the evening (second and third days), 1200 drops (in weight 1 ounce, 2 scruples) in a pint of water at 3 P.M. (twelfth day); **50**, same, proving with the oil (1 drachm from 4 pounds leaves), by distillation of tender twigs, 3 drops in the afternoon and 10 in the evening; **51**, Maria Anna Mayrhofer, æt. thirty-five years, took 200 drops 2d dil. (first day), 200 drops 1st dil. (second day), 30 drops tincture (third day), 40 (fifth day), 50 in the afternoon (sixth day), 60 (seventh day), 70 (fifteenth day), 80 (seventeenth day), 90 (nineteenth day), 100 (twenty-second day), 120 (twenty-third day), 140 (twenty-fourth day); **52**, Dr. Reisinger, began with 100 drops tincture and added 100 drops every other day, so that on the fifteenth day the dose was 800 drops, 1000 drops (seventeenth day), 1200 (nineteenth day), 1500 (twenty-first, twenty-ninth, thirtieth, and thirty-first days), 1600 to 2000 drops in daily increasing doses (thirty-second to thirty-sixth day), drank at one draught 2 ounces (fortieth day); **53**, Dr. Sterz, took the tincture every day, between 10 and 11 A.M., 5 drops (first day), 10 (second day), increased by 10 drops each day until the seventh day, without results, 80 drops (eighth day), 100 (ninth and tenth days); **54**, same, took 200 drops 15th dil. daily for four days, same quantity of 12th dil. (fifth day), without result, 200 drops morning and evening (sixth day), 400 (seventh day), 400 drops 8th dil. (eighth day), 400 drops 6th dil. (tenth and thirteenth days);

55, same, took 400 drops 4th for four days, and afterwards 200 drops 2d for four days; **56**, Dr. Wachtel, took 30 drops 3d dil. an hour before breakfast (first day), 10 drops (second, fourth, and fifth days); **57**, same, took 3 ounces 12th dil. at 7 A.M.; **58**, Watzke, took 6 drops 12th dil. twice in the forenoon daily for four days, 6 drops 9th (sixth to tenth day), 6 drops 6th (eleventh to fourteenth day), 6 drops 3d dil. (seventeenth and eighteenth days); **59**, same, took about noon, every other day, a dose of tincture, beginning with 10 drops and increasing by 10 until he reached 80 drops; **60**, same, took daily 100 drops tincture for five days; **61**, same, took 150 drops tincture (first day), 300 (second day), 450 (third day), 600 (fourth day), 700 (fifth day), 900 (sixth day), always between 10 and 11 A.M.; **62**, same, took, in the forenoon, two tablespoonfuls tincture (first day), three tablespoonfuls (about 1350 drops), (third day); **63**, Dr. Wurmb, took a coffeespoonful tincture at 5 P.M. for fourteen days, except the sixth and ninth; **64**, same, took two coffeespoonfuls tincture at 5 P.M. daily for seven days; **65**, same, took the same dose at 9 A.M. and 5 P.M. daily for eleven days; **66**, same, took a tablespoonful tincture at 9 A.M. for eight days; **67**, same, took two tablespoonfuls 12th dil. about 6 P.M. (first, third, and fourth days), 3 ounces at 5 P.M. (fifteenth day); **68**, Dr. Ferdinand Zeiner, æt. forty-two years, for last two years frequently troubled with hæmorrhoidal affections, took 1 drop tincture in water at 9 A.M. (first day), same at 9 and 10 A.M. (second day), 4 drops on sugar at 9 A.M. (third day); 8 drops (fifth day); **69**, same, took 4 drops 3d dil. at 9 A.M. (first day), 8 drops at 9 A.M. (third day), 12 drops (fourth day); **70**, same, took 15 drops tincture (first day), 20 (second day), 25 (fourth day); **71**, same, took 10 drops 12th dil. (first day), 15 drops (fifth day), 25 (ninth day); **72**, Prof. von Zlatarovich, took 6 drops of the tincture, increased the daily doses by 2 drops for thirty days, 70 drops (thirty-first day), increased by 5 drops (thirty-second to fifty-sixth day), 200 (fifty-eighth day), 205 (fifty-ninth day), 210 (sixty-first day), 220 (sixty-second day), increased by 5 drops (sixty-third to seventy-second day); **73**, same, took 300 drops tincture (first, third, and fourth days), 310 (fifth day), 320 (sixth day), 330 (eighth day), 340 (tenth day), 350 (eleventh day), 370 (twelfth day), 380 (thirteenth day), 400 (fourteenth day), 410 (sixteenth day), 420 (seventeenth day), 430 (nineteenth day), 450 (twenty-first day), 500 (twenty-fourth, twenty-ninth, thirty-first, thirty-fourth, thirty-fifth, thirty-seventh, thirty-eighth, forty-fifth, forty-seventh, and forty-ninth days), 550 (fiftieth day), 575 (fifty-first day), 600 (fifty-second and fifty-fourth days), 620 (fifty-fifth day), 650 (fifty-sixth day), 700 (fifty-eighth day), 725 (fifty-ninth day), 750 (sixtieth day), 775 (sixty-first day), 800 (sixty-second day), 850 (sixty-sixth day), 875 (sixty-eighth day), 900 (sixty-ninth day), 925 (seventieth day), 950 (seventy-first day), 1000 (seventy-second day); **74**, Z., tasted the 10th dil. (first day), took 10 drops (second, third, and fourth days); **75**, Catharina Ratmayer, æt. twenty-three years, took 10 drops tincture in water in the morning (first day), 15 (second day), 20 (third day), 30 (fourth day), increasing daily by 5 drops (fifth to twelfth day), 80 (thirteenth day), increasing daily by 5 drops (nineteenth to thirty-first day); **76**, same, took 150 drops (first day), increasing daily by 5 drops till he took 200 (fifteenth day), (except the fifth day, when he omitted the dose, and the sixth, when he took 165 drops), a drop Puls.[30] (twenty-fifth day), Cocc.[30], a drop in a tumbler of water, a teaspoonful every hour (twenty-seventh and twenty-eighth days), Rhus[24] (twenty-ninth day), Ignatia[24] (thirty-first day), Nux vom. (forty-fifth day); **77**, Dr. Zoth, æt. twenty-four years, took 5000 drops

tincture within three months, in doses of 15 to 380 drops; **78**, Dr. Zwerina, æt. thirty-six years, perfectly healthy, took 40 drops tincture prepared according to Hahnemann's directions (first day), 50 drops night and morning (fourth day), 100 drops fasting (fifth and sixth days); **79**, Dr. Holleczek, æt. twenty-five years, drank ½ ounce tincture, prepared according to Hahnemann, mixed with 8 ounces water; **80**, same, repeated the dose two days later; **81**, same, took 8 drops tincture in a tablespoonful of water; **82**, same, took 15 drops in the same way; **83**, same, took 10 drops 4th dil. (5:95) in 1 ounce water; **84**, same, took, two days after last dose, 15 drops 2d dil. (5:95); **85**, same, took, nine days after last dose, 10 drops 1st dil. in 1 ounce water; **86**, Dr. H.'s sister, æt. seventeen years, took 10 drops 4th dil. in 1 ounce water; **87**, same, two days later, took 15 drops 2d dil.; **88**, same, nine days later, took 10 drops 1st dil. in 1 ounce water; **89**, Henry Robinson, Brit. Journ. of Hom., vol. 25, 1867, p. 340, a young woman took globule $\frac{1}{300}$th in 8 ounces water, a dessertspoonful every second morning; **90**, E. W. Berridge, Hahn. Month., vol. 3, 1868, p. 505, took 1 globule (Jen.) 1000th dry on tongue (I have been vaccinated successfully twice, the last time about five years ago; took Thuja to antidote the vaccine poison); **91**, Dr. Dudgeon, Brit. Journ. of Hom., vol. 29, 1871, p. 185, chewed a green cone a little (two colleagues who chewed a cone were unaffected); **92**, E. W. Berridge, U. S. Med. Invest., vol. 4, new ser., 1876, p. 573, a boy, æt. four years, took one dose of 6 globules 1000th (Jen.).

Mind.—Emotional. She herself desires, with anxiety and despair, to be taken to an insane asylum, and there to be treated very harshly and strictly, so that her fixed ideas may be subdued and banished; she knows very well that she does wrong and thinks all sorts of bad thoughts, but she will not take the trouble to banish such thoughts; therewith she indistinctly gives to understand that she is constantly obliged to think of taking her own life, but feels the sinfulness of it, and, in order to avoid it, desires the strict restraint of the asylum; her condition is worse in the morning; in the evening, however, she mingles in society as usual, behaves correctly, and even jokes, only she is more distracted than usual,[12].—She fancies that she has intentionally represented herself as insane in the presence of others in order to palliate a wrong supposed to have been done, and that now she is punished, therefore, by real insanity,[12].—She feels and says that she is deranged and unfit to live, as a punishment for a fault which she cannot name, with talking of the most confused subjects without any connection, sense, or understanding; *commences every sentence anew without ability to finish it in spite of every effort of the vanishing memory*,[12].—She fancies that she has committed a sin,[12].—She has a decided sensation that her soul is separated from her body, and in such a condition hears and feels everything as from a distance,[12].—She often fancies that some one is sitting near her, with whom she talks aloud while she is lying quite wide awake with open eyes, and wonders when she is asked with whom she is talking, then she does not know what to think of it,[12].—She constantly longs for the offices of the church in order to banish her sinful thoughts of suicide,[12].—At night, while lying awake with closed eyes, she seems to see ghosts, and also now and then all kinds of animals brilliantly illuminated, coming to her from a distance and then disappearing; on opening her eyes everything disappears, but returns on closing the eyes again,[12].—While half awake it suddenly seems as though a chair were standing in the middle of the bed; she tries to rise in order to move it, but cannot move a limb, with a sensation as though the whole body were as heavy as lead, then she tries to call for

help; can utter no sound, and lies with open eyes fully awake and in indescribable anxiety; only after a quarter of an hour is she able to call out, which ends the attack,[12].—[10.] Extraordinary sensitiveness to every impression; he gives way to the humor of the moment, so that he always goes from one extreme to the other; his whole existence consists of only extremes, wherewith he is always irresistibly inclined to agreeable exciting, heating drinks, but without intoxication; these happy and exalted reveries constantly increase from day to day, overstepping all bounds and becoming a joyful, dizzy intoxication, with entire extinction of reason,[12].—He often dreamed in a clear day, with open eyes without being asleep, for an hour at a time; in this he especially revelled in overpowering selfishness, himself the central point about which everything must turn, with an intoxicated feeling of the most joyous self-satisfaction, which is the more important since usually he is constantly melancholy,[12].—Weakminded, pious condition,[12].—(Weakminded, with pious fanaticism, dread of work, incessant restlessness, sleeplessness, constipation and suppression of the menses, gradually decreased after fourteen days after the dose, and within nine months became permanently and radically cured°),[12].—Distraction of mind,[12].—Distracted in mind, unsteady, and inclined to do now this, now that (after six hours),[8].—* *The child is excessively obstinate;* on the slightest contradiction it throws itself to the ground in rage and loses its breath,[12].—* *Passionate in unexpected attacks*,[12].—Very much excited; at one time cried, at another laughed,[12].—Causelessly excited and inclined to be angry; contrary to all his previous habits (fifty-fourth day),[44].—[20.] Uneasiness of mind for many days, everything seems burdensome and distressing,[1].—Remarkably earnest mood in a young girl,[12].—Very earnest frame of mind in spite of the cheerfulness of those around him, in the evening (sixtieth day),[72].—Inclined to talk (after sixteen hours),[8].†—Spasmodic laughing and weeping at the same time,[12].—Mood especially cheerful (thirty-eighth day),[43].—Good humor without gayety (after seven hours),[8].†—Good-humor (after fifteen hours),[8].†—Spirits excited, lively and loquacious (effect of the alcohol?),[62].—During the febrile symptoms his mind is quiet, and he is well disposed (after three hours and a half),[9].—[30.] Weeping mood (fourth day),[14].—Violent spasmodic weeping in the evening, changing to febrile coldness, which lasted all night,[12].—Spasmodic weeping, with hiccough and twitching of the hands and feet,[12].—Constant weeping mood, with anxious oppression,[12].—While talking, she is unable to go on in spite of every effort; she begins to weep bitterly, and says she can no longer think or live,[12].—Weeping and trembling of the feet during music,[12].—Sad mood (seventh day),[26].—Sad mood and discouragement (thirteenth day),[24].—She has constantly very sad thoughts about the merest trifles, in which she stares in front of her and picks at her nails,[12].—Very gloomy mood, in the afternoon (ninth day),[26].—[40.] Gloomy, melancholy state of mind; came on in the afternoon, which was still apparent on waking next morning (after second dose, second day),[45].—Very gloomy frame of mind, before going to sleep (seventy-third day),[72].—* *Exceedingly out of tune; sad, and disposed to weep* (twenty-fourth day),[76].—Mood very unhappy, despairing,[12].—Melancholy in the forenoon, more cheerful in the afternoon; this alternation has manifested itself for some days past (thirty-second day),[75].—* *Extreme melancholy* (fifth day),[76].—Depressed in body and mind (twenty-first day),[76].—* *Very low-spirited* (twenty-second day),[76].—* *Very depressed, sad,*

† Curative reaction.—HAHNEMANN.

irritable mood,[12].—Sudden rising of dark thoughts causing uneasiness, apprehension of misfortune, with fancied scruples of conscience, and with a distinct sensation as if they came from within the abdomen to the heart, with sleeplessness and an internal uneasiness, especially of the lower portion of the back, which compelled him to move constantly; all inner portions seemed shaken, and trembled easily; really the trembling immediately destroyed all sharp thought, so that his ideas became confused and mixed (after three weeks),[12].—[**50.**] Cannot endure soft, tender music without tensive spasm of the heart,[12].—Remarkable indifference to the opposite sex,[59].—Aversion to all company, in a young girl usually full of life,[12].—**Discontentment*,[1].—Despondency frequently occasioning a sobbing weeping,[12].—***Loathing of life,**[1].—Apprehensive (thirty-ninth day),[16].—Apprehension of becoming sick (ninth day),[66].—Continual thoughts of dying, with increasing weakness,[12].—Presentiment of death,[12].—[**60.**] Anxiety (after ninth day),[42].—After half an hour sleep, was suddenly seized with anxiety, after which slight perspiration broke out; whereupon he fell asleep, but continually started up again (sixth night),[57].—Averse to everything; anxious and solicitous about the future,[1].—Anxiety, with intolerable aching in the chest, even to spasmodic weeping and screaming, recurring daily, at 4 to 5 P.M. (second week),[12].—Frightful anxiety, like death agony; a nameless internal ache, as if the soul were escaping from the body, with most terrible uneasiness, frightful orgasm of blood, at night, even to suffocation (at the beginning of the seventh month),[12].—Anxiety, with internal trembling, confusion of the head, and difficult speech, alternating with spasmodic laughing (ninth month),[12].—Anxious, lachrymose despondency,[12].—Sudden unaccountable anxiety in the head, which, against her will, compels her to call some one,[12].—Very anxious thoughts, with heat of the head and anxiety about the heart, driving out of bed and house,[12].—Constantly tormented by groundless anxiety,[12].—[**70.**] Great and constant anxiety without cause,[12].—Anxious and without thought, she went about as in a whirl, with heaviness of the head and limbs,[12].—Constant anxiety, as if he had committed a great crime, with forgetfulness and general trembling, even to disturbing sleep,[12].—Frightful anxiety at night, so that she cried aloud from internal distress,[12].—Constant great despair changes at last to complete indifference,[12].—Increasing despair which allows rest nowhere, seemed to be intolerable day and night,[12].—Dread that she would be attacked with apoplexy, with confused tremulousness and anxious perspiration,[12].—Very much frightened, to trembling of the whole body,[12].—**Ill-humor* (after twelve months),[13]; (fifth day),[78].—Ill-humor, with dulness in the head (twelfth and thirteenth days); ill-humored and restless (seventeenth day),[26].—[**80.**] **Want of disposition to do anything, ill-humor and inclination to anger*,[38].—**Exceedingly ill-humored, speaks but little* (twenty-ninth day),[76].—**Impatient ill-humor*,[12].—***Very ill-humored and depressed,**[1].—Very ill-humored and excited, with death constantly before her eyes,[12].—**Peevishness* (fifth day),[78]; (thirty-first day),[73].—**Great irritability* (after one year),[13].—Irritable humor, in the afternoon (twenty-sixth day),[76].—Very peevish and passionate, always in renewed paroxysms,[12].—Fretful if everything does not go according to his wishes,[11].—[**90.**] Excited mood; he is irritable, especially if any one says anything of which he does not exactly approve (after thirty days),[13].—Morose, quarrels about a harmless joke,[11].—Vexatious, mostly in the morning,[12].—Constantly irritated and vexed at everything,[12].—Great indifference, changing to weeping,[12].—Very changeable moods,[12].—***Intellectual.*** A delightful feeling of corporeal

well-being and inclination to intellectual labor, in the afternoon (twenty-eighth day),[73].—Aversion to all work,[12].—**Indisposition to any kind of intellectual labor* (sixty-sixth day),[73].—Intellectual exercise soon fatigues, in the evening (twenty-first day),[72].—[**100.**] Excessive thoughtfulness about the merest trifle,[1].—The power of thought was increased, but rather for analytical than synthetical reasoning (sixty-fifth day),[72].—Unfitted for every work on account of a confused whirling of thoughts in the head,[12].—Mind affected; he cannot get rid of a thought he has just had,[1].—Thought is very irksome,[12].—The boy speaks with excessive haste, frequently jumping over words and syllables, however without stammering,[12].—**Speaks very slowly and monosyllabically* (twenty-seventh day),[76].—**Collects his thoughts and speaks slowly; he seeks for words while talking* (after third day),[1].—Clear, connected thought, when writing a letter, becomes more and more difficult, till impossible,[12].—In thought, she often misses words; on the other hand, it often happens that a great many little insignificant words interpolate themselves, as if involuntarily tumbling in between the others,[12].—[**110.**] **He made mistakes in writing very frequently; with the greatest attention he changed or omitted at one time letters, at another syllables, at another whole words,*[12].—**He frequently makes mistakes in talking and writing, with confusion of the head, vertigo, fluttering and flickering before the eyes, so that he could not see distinctly* (after six months),[13].—**He makes mistakes in talking, and writing, and in looking* (after twelve months),[13].—**Makes frequent mistakes in writing* (after thirteen months),[13].—**Makes mistakes in talking very frequently, for several days* (forty-fifth day); *makes mistakes in talking and writing, for several days* (sixty-second day); **when writing, she omits words, so that it is difficult to write a letter* (sixty-fifth day); *makes many mistakes in talking and writing, omits syllables and words* (after ten months),[14].—Thoughts vanish, with vertigo,[12].—Sudden vanishing of thought, with dull headache,[12].—Vanishing of thought and senses, as in delirium,[12].—Thoughts vanish, so that she does not know what she is about to say,[12].—Quiet, absorbed in himself, without thought, unsteady, she walks about from place to place without knowing what she wants,[12].—[**120.**] *After rising, she is unable to go on with her dressing, and constantly requires the reminding assistance of others,*[12].—Inattention to what was going on about him,[11].—Inability to fix the attention and to think, with crawling in the hands and head,[12].—While reading, he is unable to follow the meaning understandingly,[12].—She could no longer recognize her acquaintances, and could not recall those she had lately seen, even if they had but just been seen by her,[12].—Memory very weak; he forgets everything which he does not write down; has great difficulty in fixing the attention (after twelve months),[13].—**Forgetfulness,*[12]; (twenty-first day),[16].—Continued loss of thought,[12].—**Could scarcely collect his senses for half an hour, in the morning on waking,*[1].—Stupid, as if intoxicated, especially in the morning,[2].—[**130.**] Felt as if stupefied, sleepy, and weak for four hours after the dose (thirtieth day); stupefaction and weakness again, but not lasting so long (thirty-first day),[75].—Stupefaction (effects of the alcohol?), (first and second days); stupefied (twenty-fifth day),[76].—Constant coma for two or three days (sixth week),[12].

Head.—Confusion and Vertigo. Head constantly confused and weary,[12].—Head confused, as if intoxicated (twenty-second day),[13].—Confusion of the head the whole forenoon (tenth day),[32].—The head seems confused while sitting and walking (after six hours and a half),[8].—**Dull confusion in the head* (fourth day),[70].—Dull confusion of the head, with general debility, in the morning (thirteenth and twenty-third days),[48].—Dull con-

fusion of the occiput, ending in a pressing headache, which lasted half an hour (first day),[84].—[**140.**] At noon, dull confusion in the forehead, which disappeared at midnight (after two hours, tenth day),[52].—Dull confusion in the head, with the nose symptoms (fifth day),[65].—Obscuration of the forehead, immediately,[3].—Dull confusion of the head, in the evening (tenth day); for half an hour (twenty-first day),[73].—Head somewhat confused, especially in the forehead, at noon (twelfth day); dull confusion, in the forenoon and after supper (sixteenth day); in the morning, dull confusion in the head, especially in the region of the forehead and temples, which an hour after began to increase and extended over the vertex, but subsequently entirely disappeared (twentieth day); in the forehead, in the evening (twenty-first day); with shuddering (fifty-sixth day); after dinner (sixty-seventh day); at noon (sixty-eighth day),[72].—* *Vertigo*,[20 37 49], etc.—Slight vertigo (effects of the alcohol), (twenty-ninth, thirtieth, and thirty-first days); vertigo (fortieth day),[52].—Vertigo soon disappearing (immediately); slight vertigo (third day),[68].—A kind of vertigo; objects about the room seem to move (twenty-first day),[16].—Frequent attacks of vertigo and diminished sleep (after nine hours); vertigo frequently made its appearance when sitting or lying down (seventeenth day),[42].—[**150.**] Head felt cloudy, immediately (effect of the alcohol?),[62].—Giddiness and obtuseness more violent than before,[38].—Vertigo, in the evening on going out (fifth day),[64].—Vertigo and heat for half an hour (after two hours),[75].—Vertigo when seated, returning as in pushes every minute (after a quarter of an hour).[83].—Vertigo coming on suddenly after dinner (while looking up),[81].—Vertigo on moving the head sideways,[80].—Head dizzy, as if stupefied, in the morning (nineteenth day),[76].—Repeated attacks of vertigo (after every dose),[30].—Vertigo, so that he could scarcely walk without holding on to something, after a siesta of three-quarters of an hour (twelfth and thirteenth days); turns of vertigo after talking long and when walking (seventeenth day),[26].—[**160.**] Vertigo, with fulness in the head (third day); vertigo at home, with vanishing of the letters when reading (fourth day),[25].—Upon being waked from his siesta, he became quite giddy, and had great trouble in collecting his thoughts (ninth day); a sudden sensation of giddiness while writing, at 11 A.M.; he felt as if a current of air was ascending from the occiput and penetrating towards the forepart of the head, causing vertigo and loss of thought (twelfth day),[31].—**A feeling of vertigo on closing the eyes, at* 1.30 P.M. (sixty-fifth day),[72].—Momentary vertigo,[12].—Frequent attacks of vertigo, even to loss of consciousness,[12].—Frequent vertigo, even while lying in bed,[1].—Vertigo; violent reeling back and forth,[12].—Vertigo, with nausea and a feeling of faintness, lasting a long time (sixth month),[12].—Vertigo, with spasmodic drawing up and a paralyzed feeling in the right side of the body, aggravated by walking, with anxiety and accelerated pulse, gradually disappearing after lying down in bed,[12].—Vertigo, especially on sitting and closing the eyes; it disappears when lying down,[1].—[**170.**] Much vertigo while sitting, like a moving to and fro, much worse while lying,[1].—Sudden attack of vertigo, in the evening, with pain in the eye, so that she did not dare to look at the light, together with anxious heat and feeling of fulness in the stomach, ineffectual eructations, and vomiting several times (ninth month),[12].—Attacks of vertigo, even while lying down,[12].—Constant vertigo, especially in the evening when walking, so that he reeled sideways,[12].—Vertigo constant and constantly recurring, especially distressing on account of a constant sensation of unsteadiness, and reeling back and forth while walking,[12].—Vertigo; as soon as she closes

the eyes everything seems to turn around, vanishing on opening the eyes again,[12].—Vertigo whenever looking down at moving objects, always associated with a violent headache, flickering before the eyes, and dimness of vision,[12].—Vertigo very frequently coming and going, suddenly increasing, so violent that she was obliged to steady herself to avoid falling,[12].—Vertigo whenever he looks upward or sideways and on stooping, frequently with falling,[12].—Whirling vertigo even when sitting; while walking she staggers,[1].—[**180.**] Vertigo, with spasmodic contraction in the head,[12].—Vertigo, with faintness and cold sweat, bilious vomiting, pressure in the head behind the eyes, and burning on the vertex,[12].—Vertigo, with frequent lightnings before the eyes, obliging her to sit down for a moment on account of the danger of falling,[12].—Vertigo at night, on waking, very violent in the morning on rising; it drew her to one side, so that she could not walk, with nausea and inclination to vomit, emptiness and faintness in the stomach, chilliness, and weakness, so that she was obliged to go back to bed; whenever she moved, turned over, or sat up in bed, the vertigo was aggravated, and she was obliged to lie perfectly quiet (fifty-fifth day),[14].—Vertigo, even to falling down, on turning the head,[12].—Violent vertigo when sitting and closing the eyes, as if the sofa upon which he was sitting were balancing to and fro (going off immediately when opening his eyes), (tenth day),[32].—Head feels dizzy and intoxicated after rising from bed (sixteenth day); vertigo (twenty-second day); so that he could scarcely prevent falling during breakfast (thirty-fifth day); frequently obliging him to steady himself (thirty-seventh day); while sitting, in the morning (forty-fifth day); after 12 o'clock he became dizzy and weak for some time, so that he went to bed and soon fell asleep (as on the preceding day at 11 o'clock); after sleeping quietly for an hour, he awoke with a bad taste, which, however, gradually disappeared (after fifty-seven days); dizziness on rising from bed, with dulness of the head, in the morning (fifty-eighth day); on alighting from a carriage, he walked with difficulty, and was obliged to steady himself (eightieth day); the head is stupid and dull, in the forenoon, in the house (eighty-first day); frequent vertigo continued to recur (after twenty weeks); vertigo, so that he could scarcely step over a stone without falling (after nine months),[12].—It becomes misty about his head, so that he does not know where he is, while standing (after three-quarters of an hour),[3].—Constant whirling, with a sensation as if it came from the left side of the ribs from a pressive-aching spleen, with a very suffering, pale expression,[12].—Whirling in the head, aggravated by looking to the left,[12].—[**190.**] Frequent whirling in the head,[12].—He woke from the midday nap after eating a little, feeling a whirling in the head, which changed to faintness on every motion, and continued till 10 P.M., when it ended in vomiting of the undigested dinner,[12].—Fantastic whizzing in the head,[12].—Sensation of reeling, as after frequent turning in a circle (after three-quarters of an hour),[5].—Slight reeling (within two hours),[71].—He staggers after stooping,[1].—Staggering while walking in the air (soon, second day),[70].—The head seems intoxicated, weak, and dizzy,[12].—The effect was at first the drunkenness induced by alcohol, heat in the head and face, uncertain gait, reeling of surrounding objects, etc. (twelfth day),[49].—***General Head.*** Rush of blood to the head, with outbreak of perspiration on the face and desire for cold drinks, even when undressed (after eleven hours and a quarter),[8].—[**200.**] He feels the blood rush into the head, with weakness of vision, so that it suddenly becomes black before the eyes, and he is unable to recognize anything for a longer or shorter time, even for a quarter

of an hour, with a peculiar corroding pain in the right eyeball, obliging to press the lids together and to wipe repeatedly with the hand, usually occurring in the evening and in the house, though not in the open air, recurring for six or seven days,[12].—Stupefaction of the head, with ringing in the ears, chilliness, distension of the abdomen, urging to urinate, stiffness of the lower extremities, and great weakness,[12].—Stupefaction of the head (thirty-ninth day),[16]; in the morning (after six hours),[11].—Heaviness of the head, so that he is unable to think,[12].—Sensation of heaviness in the head, especially in the occiput, aggravated by every motion (after half an hour),[10]. —*Heaviness of the head, with ill-humor and disinclination to talk* (after three hours),[10].—Heaviness in the head, as if a weight were pressing the brain inward (after one hour and a half),[5].—Head extremely weak, dull, and heavy,[12].—Head seems dull,[12].—Dulness of the head with nausea,[2].— [210.] The whole head is dull and feels screwed in,[12].—The head seems dull and incapable of thought,[1].—Head very dull, with yawning (twenty-first day),[16].—Slight dulness in the head, in the afternoon (twenty-second day); dulness (twenty-ninth day); great, at noon (forty-sixth day),[72].— Dulness of the head (thirteenth day),[24]; in the morning (eleventh day),[31]. —Dulness of the head the whole forenoon, with paroxysms of drawing pain in the middle of forehead, which was especially violent in the *left frontal eminence*, and thence extended to the posterior portion of the left eyeball, and at times as far as the occiput, and at 3 P.M. passed into a constant digging pain; this headache was as violent in the open air as in the room, and lasted until 10 P.M. (eleventh day),[32].—Dulness and confusion in the head (thirty-second day),[52].—Dulness of the head, at 11 A.M., while smoking, with heaviness, so that he was obliged to lie down (thirty-ninth day); about 11 A.M. he became weak, weary, and sleepy, so that he was obliged to go to bed, as on the preceding day; he slept an hour and a half, after which he was not refreshed, but, on the contrary, had a very heavy dull head, a bad taste, and then thirst; after drinking cold water he had hiccough, with much yawning, sobbing respiration, and palpitation, and continued to feel weak, so that he remained two hours longer in bed, from which, however, he had to rise frequently to urinate (fifty-sixth day); very dull head, in the evening, while studying, extending into the forehead, with pain in the right eye, as if pressed into the orbit (seventy-second day),[13].— Slight dulness of the head two hours after dinner (twenty-second day); on the right side of the forehead, continuing an hour (after one hour, sixty-sixth day); with heaviness and weariness of the legs (sixty-sixth day); in the morning (sixty-seventh day),[73].—Head very dull (twenty-fifth day),[76]. —[220.] Considerable dulness of the head and *mistiness* of sight (fifth day); with vanishing of objects when attempting to fix them, in the forenoon (ninth day); and feeling of fulness in the head, with ill-humor and drowsiness (twelfth and thirteenth days); dulness (sixteenth and seventeenth days),[26].—Feeling of fulness in the head (sixteenth day),[26].—Fulness in the head, with drawing pain in the neck, in the afternoon (sixteenth day),[27].—Internal weakness of the head; the brain seems numb and dead,[1]. —Feeling of a weight in the head, with pressure in the right side of the head and stupefaction; she is not completely conscious of what she does; she only wants to slumber (twenty-sixth day),[16].—Dull headache, in the morning, with pressure in the eyes and irresistible inclination to sleep,[12].— Dull pain, like a stupefaction, over the whole head (after one hour),[5].— Very violent headache all day (sixth day); on awaking in the morning (fourteenth day); lasting three hours (fifteenth day); in the morning (sev-

enteenth day); very severe, for half an hour, towards noon (eighteenth day); slight, in the afternoon (nineteenth day); in the morning (twenty-first and twenty-fourth days),[76].—Something of a headache, in the evening (nineteenth day); some painful spots on the head, at most the size of a penny; the pain seemed seated in the bone itself, in the evening (forty-ninth day),[73].—[**230.**] An old migraine stops after the first four weeks, but four weeks later recurs with an unusually violent attack, lasting two days for the first time, commencing with icy-cold hands and feet and colic, and rising from the abdomen to the head; two months after this attack a still more severe one occurred, and lasted three days, with frightful nausea and bilious vomiting, until, at the end of the third day, the menses came on six days too early and flowed very profusely; afterwards the attacks became weaker and more infrequent, until, in the twelfth month, it appeared only as a simple headache, which often alternated with colic pains, and afterwards stopped entirely and permanently,[12].—Headache and chilliness (twenty-fifth day); pain in the head and eyes, at night (thirty-first day); headache (sixty-fourth day),[43].—Headache continued with more or less violence; on the last day it was accompanied with roughness of voice and a scraping sensation in the throat, which, however, continued only a few hours,[45].—During the first day the headache again appeared, but it was less violent, and ceased entirely after the fourth day,[27].—In the evening considerable headache, which lasted till midnight (thirteenth day); headache on awaking after a restless night; continued all day (twenty-fourth day); in the evening (twenty-sixth day); in the evening, which lasted until about midnight (thirtieth day); a return, in the evening (thirty-first day); with burning in the right eye, in the afternoon (thirty-fourth day); intolerable during the access of heat (thirty-fifth day),[46].—Headache frequently changing its place, lasting a long time,[12].—The whole head is painful and extremely painful to touch, with nausea, chilliness along the back, sticking in the eyes, and difficult speech, all day,[12].—At night the whole head is painful as if it would burst,[12].—Headache on walking in the open air, not in the house,[12].—Headache; fine sticking crawling in the head, in the morning,[1].—[**240.**] Headache, in the morning, as after too deep sleep or after stooping; a pulsation or pressing short jerking in the forehead, with redness of the face,[1].—**Headache, in the morning, at one time feeling as if the head were forced asunder at the malar bone and upper jaw; at another time in the vertex,* **as if it were pierced by a nail, as by a jerk**; *at another time in the forehead, as if it would fall out, with internal chilliness; all these symptoms were relieved by walking in the open air,*[1].—Headache, like a cramp, with a sensation as if the eyeballs were pressed inward; the pain was relieved if one rubbed the forehead with the hand, and she fell asleep; after the headache ceased, she was seized with a similar pain in the abdomen, worse in the evening; in the abdomen the pain extended along the anterior surfaces of the legs to the feet; if she is distracted and amused she forgets the pain (tenth day), (toward the close of scanty menstruation),[17].—Constant headache on the day preceding the menses, with hot forehead and burning heat in the eyes; wavelike beating over the whole head, with full pulsation in all the vessels and great excitement, followed by palpitation, with profuse discharge of blood; the day after which she lay in a constant vertigo, and on the third day pressure in the stomach, as from a stone, alternating with compressive distress over the whole chest and throat, with a sensation in the latter as if it were internally swollen, which impedes swallowing, and a feeling as of a growth in the throat (tenth

month),[12].—In bed the pains in the head and teeth become intolerable,[12].—Paroxysms of violent headache, with vomiting, preceded by sudden falling asleep of the whole left side of the body, from the lips to the toes, during which the tongue became immovable for a moment; the attempt to dress was unsuccessful, because he did not know at all how to begin, and got everything turned about,[12].—Violent headache on waking, in the morning (forty-ninth day),[13].—In the evening violent headache, lasting until 10 o'clock (twenty-sixth day),[47].—Violent headache, as if the brain were distended, on waking, in the morning, after deep sleep at night, with nausea and vomiting three times of bitter water, with a chill, lasting five hours; could not get warm in bed, with loss of appetite and without thirst,[1].—Headache, with pressure in the right eye (after twenty weeks),[13].—[**250.**] Pressive headache, with pressure in both eyes, accompanied with gastric uneasiness and reddened urine, towards noon (fifteenth day); aggravated by a small quantity of wine taken at dinner, and smoking increased it to a vertigo (seventeenth day),[26].—Pressing headache through the day, beginning on the right side, afterwards extending over the whole head (seventh day); slight, for two hours, in the forenoon (eighth day); continual for two days (after thirteen days); very violent on awaking, in the morning (twenty-first day); slight, all day (twenty-fifth day),[75].—Feeling as though a piece of lead lay in the brain when turning the head one side,[79].—Sensation as if a tight cap were fitted over the whole scalp,[12].—Violent waving, compressive pains through the whole head, wandering about, changing their place,[12].—Headache, as if the head were compressed externally, with pulselike beating and sticking in the temples; the pains disappear on external pressure and on bending backward, but return on bending forward (after four hours),[9].—The head and nape of the neck seem screwed together with an iron bolt,[12].—Pressing, with stupefaction, when moving the head to one side,[81].—Pressure and roaring in the head, with great weakness,[12].—Violent painful pressure here and there in the head, only momentary (after two hours),[5].—[**260.**] **Boring pressure in the head*,[1].—Drawing headache,[1].—Drawing from the head over the nape and back to the sacral region (thirteenth day),[76].—He awoke with very heavy acute drawing and pressive headache, extending from behind through the whole head to the root of the nose, most violent in the forehead, associated with a peculiar burrowing faint feeling in the stomach, lasting all day,[12].—Drawing headache, preventing sleep at night, first in the forehead, then in the occiput, with dizzy heaviness and fulness in the whole head, and with a qualmish uneasiness in the pit of the stomach; twice, paroxysms of cutting colic, with a soft but normally formed stool; very rapid pulse, anxiety, and spasmodic drawing in the right lower extremity, calf, and toes, ending with an emission,[12].—**Intolerable tearing in the whole head drives him from bed at night and obliges him to walk about, always becoming worse on lying down*,[12].—**Sticking headache*,[1]; (thirty-fifth day),[75].—Sticking in the head, in the evening, relieved after an evacuation (sixteenth day); violent, in the morning on rising, especially on moving (eighteenth day); when walking, in the afternoon (twenty-first day),[76].—**Boring sticking in the head and right eye*,[12].—Stitches through the brain from below upward, especially when coughing,[80].—[**270.**] Sticking pain in the brain from the neck up to the vertex,[80].—At times dull stitches ran through the brain, generally in the direction of the eyebrows, and from the eyeball to the occiput,[62].—Stitches from below upward through the whole brain,[82].—Stitches in the head, worse on suddenly turning the head, when running,[12].—Jerklike stitch through

the whole head, which leaves a pressing sensation (after one hour),[5].—Violent tearing stitch through the right half of the brain from the occiput to the forehead (after eleven hours),[5].—Sensation as though the brain were raised several times in succession (first day),[83].—A sore sensation on the middle of the head,[12].—Sensation of numbness and tingling in the left half of the brain and in the left ear (after three hours),[5].—A burning pain in the head, extending through the heart into the lower extremities, especially into the calves,[12].—[280.] Headache, like beating waves, about the whole head, ending with a reeling lying down,[12].—***Forehead.*** Dulness of the head in the forehead, in the evening (forty-seventh day),[44].—Dull headache over the whole frontal region (lasting an hour), (after a quarter of an hour, fifth day),[48].—Dull stunning headache in the frontal region and vertex, which, however, did not last long (seventeenth day),[51].—Frontal headache (fortieth day),[52]; in the evening (twenty-ninth day),[47].—Headache in the frontal region (seventh day); with heat in the cheeks (after one hour, thirty-fifth day),[48].—Aching in the forehead, with failure of the sight, in the evening (fourth day); headache continued (fifth day); lasting pressing headache in the forehead, with burning in the eyes (nineteenth day); headache in the forehead, in the evening (twenty-fifth day),[46].—*Aching pain*, especially in the frontal eminences and temples, at 8 P.M. (seventeenth day),[26].—Transient pain in the forehead and in the left side of the face, a sort of twitching (after one hour),[45].—Some headache in the forehead on awaking (seventeenth day),[72].—[290.] Headache in the region of the forehead and eyebrows, such as usually precedes a catarrh (fifth day),[78].—Aching in the forehead, with obstruction in the nose, in the morning (seventh day),[20].—Headache in the forehead, with warmth (third day),[21].—Some headache in the forehead,[39].—Headache in the anterior part of the head, which is covered with hair, as though compressed, in the evening (twelfth day),[72].—Slight headache in the forehead after dinner (twentieth day),[72].—In the evening, after much conversation in company, a pressing headache began in the forehead, extended gradually towards the vertex, and slowly disappeared (thirty-sixth day); ache in the forehead, which, after an hour, *merged into the sensation as if a wedge were driven into the temple;* sneezing did not aggravate the headache, but motion of the head and swallowing had that effect (thirty-seventh day); pressing in the forehead and in the right temple, in the evening (forty-sixth day); on waking, ache in the forehead, which disappeared again after half an hour (forty-seventh day); aching in the forehead on waking, disappearing by degrees after rising, but returned about 9.30, became heavy and pressing, and only vanished after four hours (seventieth day),[72].—Violent aching in the left frontal sinus, extending into the upper jaw, ending with sudden sneezing and running from the nose, in the evening,[12].—**Alternately boring, sticking, griping, lightning-like piercing headache in the forehead, in and above the eyes and in the nasal bones*, worse in the morning fasting, better while eating and lying down,[12].—*A drawing intermittent pain in the left side of the forehead*, and at the same time symptoms of colic, accompanied by emission of flatus (sixth day); at 9 A.M., a pain in the left side of the forehead when writing, which continued the whole forenoon (ninth day),[21].—[300.] A painful *drawing* in the left *frontal eminence* (while walking in the open air), at 10 A.M. (ninth day); on waking, 5.30 A.M., a dull drawing pain in the *right frontal eminence*, extending as far as the right orbit and the right nasal bone, setting in in paroxysms, and ending at 8 o'clock (twelfth day); painful drawing in the *right side of the forehead*, ceasing and returning sev-

eral times, at 10 A.M. (twelfth day); drawing headache in the right forehead (thirteenth day); a clawing-aching pain in the left frontal eminence, becoming fixed in a small place (for a few minutes), accompanied with rumbling in the bowels (after two hours, thirteenth day),[32].—**Transitory pain in the left frontal eminence,* **as if a nail were driven in it.** *This pain disappeared at once on touching the part, returned, however, immediately at the superior posterior angle of the left parietal bone, as if a convex button were pressed against that part* (fourth day); digging headache in the left *frontal eminence* at 5 P.M., returning several times at short intervals, and alternating with the sensation as if a convex button were pressed upon the part near the vertex. This sensation, which ceased immediately upon the parts being touched, and returned again as soon as the contact ceased, was experienced several times in the right *mastoid process*, in the left parietal bone, and under the right clavicle (fifth day); a momentary pressure, as of *a nail which had been driven in*, in the left frontal eminence (while walking in the street), at 7 P.M. (sixth day); **a transitory pain in the left frontal eminence, as of a nail which had been driven in**, in the evening (seventh day); a beating tearing, with sensation of heat, in the right frontal eminence (eighth day); on waking, *drawing pain* in the left *frontal eminence* (this pain had already made its appearance in the evening after lying down), (ninth day); headache in the forehead over the left eyebrow, extending as far as the right side of the forehead, in the forenoon, when walking in the open air (ninth day); a few moments after waking, complete *hemicrania in the left side of the forehead.* It was a violent drawing pain, commencing directly over the left upper eyelid, extending perpendicularly upward through the middle of the left eyebrow, and dividing in the left frontal eminence into a number of threads and rays, which penetrated deep into the brain. This symptom lasted a few minutes, and disappeared as rapidly as it came (twelfth day),[33].—Drawing-pressive headache in the forehead, especially in the right eye, as if pressed deep into the skull (fifty-ninth day),[13].—Frequent pressing in the forehead (after second day); and sticking in the forehead, disappeared while walking in the open air (fifth day); pressing in the middle of the *forehead* (ninth day),[71].—Pressing pain in the frontal and occipital regions, in the evening (second day); pressing in the forehead, lasting all day (fifth day),[66].—Slight pressive headache over the right *superciliary eminence* (after 1st dil.),[34].—Pressing in the forehead (first day); in the middle of the forehead (soon, second day); in the forehead, at 6 P.M. (eighth day),[70].—Headache in the forehead, pressing, the whole day (first day),[86].—Pressing in the right side of the forehead (soon, second day),[68].—Very violent pressing aching in the forehead, lasting all day (twelfth day),[75].—[**310.**] A pressive pain transversely across the forehead (after half an hour),[8].—Dull drawing pressure transversely across the forehead, as if a weight were sinking down in it (after four hours and a half),[8].—Jerklike pressure in the left frontal eminence (after four hours),[5].—Jerklike pressure in the right frontal eminence, extending down to the eye (after four hours and a half),[5].—Headache, consisting of a pressure, bruised and tearing sensation, extending from the forehead to the occiput, on waking from sleep, disappearing after sleeping again,[2].—Violent constrictive pressure on the left frontal eminence externally, which seems to press the upper lid downward (after one hour and a half),[5].—Distressing pressive pain in the forehead and eyes, every morning after rising, lasting a long time, after two months, and constantly recurring with interruptions,[12].—Sharp lancinating pain in the left frontal eminence,

in the afternoon (forty-sixth day),[44].—Maddening twitching in the right frontal eminence, in the evening (first day),[56].—Repeated tearing in the forehead (second day),[86].—[**320.**] Sticking pains in the forehead,[79].—Sticking in the left side of the forehead (third and fourth days),[69].—Dull sticking in the left frontal region (first day),[84].—Single stitches in the right frontal region (fifth day),[77].—Needlelike stitches, especially from before backward, in the forehead (after five hours and a half),[8].—Repeated transitory stitch in the left frontal eminence (second day),[45].—Stitches in the left side of the forehead (within two hours); sticking pains in the frontal eminences (after second day),[71].—Frequent stitches in the frontal eminences (first day); sticking in both frontal eminences (lasting the whole day, and continually increasing), (second day); on awaking, sticking pain in the left frontal eminence (third day); stitching in the forehead and in different parts of the body, especially in the shoulders, arms, and legs (fourth day); sticking in the left frontal eminence, at 6 P.M. (eighth day),[70].—Single stitches in the right frontal eminence (soon, second day); sticking in the right side of the forehead (fifth day),[68].—***Temple.*** Head pains as though stuck through from one temple to the other,[79].—[**330.**] Headache for three hours, at one time in the right, at another in the left temple, and again in the vertex, in the morning (seventeenth day),[75].—**Boring headache through both temples,*[89].—Sensitiveness of the left temple (sixteenth day),[72].—Drawing in the temporal muscles; an external headache, worse on chewing,[1].—Frequent slight drawing from the mastoid process of the right temporal bone downward (thirteenth day),[73].—In the evening, drawing tearing in the mastoid process of the left temporal bone, and then in both eyeballs, where the pain ceased (seventeenth day),[56].—*Drawing-sticking* pain in the left *temporal muscle, increased by mastication and diminished by contact;* this pain continued for two hours, and in the open air as well as in the room (eighth day),[33].—A continuous drawing and tension below the mastoid process of the right side, accompanied with occasional drawing in the left frontal eminence towards the temple, and with roaring in the left ear, in the evening (ninth day),[33].—Pressive drawing in the left temple,[3].—Pressive headache in the right temple, especially on straining at stool (thirty-eighth day),[13].—[**340.**] Pressive pain in the right temple and drawing-tearing pains in the right elbow-joint, aggravated by motion (seventy-third day),[15].—Pressing in the right temple from without inward, in the forenoon (third day),[20].—A deep pressure in the right temple (after one hour and three-quarters),[5].—Raging pressure in both temples, extending inward, as though the brain would be pressed outward,[5].—Violent pressing in the left temple soon after dinner, continuing all the evening, but in a less degree (fourth day),[63].—Contractive pain in the right temple, pretty severe, often returning, and always lasting several seconds,[59].—Periodical pinching in the mastoid process of the right side, as if a convex button were pressed upon that part (twenty-second day),[32].—Sticking pain in the temples,[1].—Sticking in the right temple, soon; fine stitches in the temples (third and fifth days),[68].—Single stitches in the mastoid process of the temporal bone, with the drawing behind the right ear (sixty-ninth day),[72].—[**350.**] Sticking in the right temple (within two hours),[71].—Sticking pains in the temples (after two days),[71].—Stitches in the temporal region,[79].—*Violent stitches in the left temporal region externally* (after eight, and twelve hours),[8].—**A violent stitch drove suddenly through the left temple, as if an awl had been forcibly thrust through the brain;* the pain lasted but a few minutes, but the spot remained for some time sensitive (thirteenth day),[73].—Throbbing in

the temples, with violent tearing in the teeth,[12].—Throbbings in the right temple when rising from a seat, towards noon (twenty-second day),[73].—***Vertex.*** The upper part of the head feels as heavy as lead, with vanishing of thought, emptiness of the head, and pressure, extending into the eyes, which are very much affected,[12].—A circumscribed spot on the vertex, and another on the middle of the forehead, painful, as if beaten with a hammer (fifth month),[12].—Slight sensitiveness in the vertex, in the morning (twenty-second day),[73].—**[360.]** A small spot sensitive to touch, with pain as if sore, immediately upon the right side of the vertex, upon which the skin was somewhat reddened (sixth day),[57].—Headache in the vertex, in the evening, remaining till midnight (eighth day),[46].—Exceedingly troublesome headache, seated in the upper surface of the vertex, heavy and pressing, and from time to time in single stitches and thrusts; the brain was apparently unaffected, but the head externally was somewhat sensitive to touch, as were also the eyes; cool air diminished the pain; when it was at the worst, he supported his face in the concavity of his hand, and for some time rubbed his forehead, eyes, and face, whereupon the pain entirely disappeared (in the evening, seventy-eighth day, and in the forenoon, seventy-ninth day); head wholly free, except a slight crawling and running in the places indicated (in the evening, seventy-ninth day),[72].—Sensation as if the upper part of the skull were beaten in,[3].—**A transient pain in the vertex, as though the bone were repeatedly pierced with a needle near the sagittal suture*, in the evening (fifth day),[72].—Drawing and tearing in the pericranium, at times in the region of the vertex, at times in that of the occiput (ninety-fourth and ninety-fifth days),[43].—Pain pressing deeply inward in the crown,[12].—Pressure on the vertex, as if a weight lay there (seventieth day),[72].—**Violent pressing pain in the region of the vertex*,[79].—Pressing headache on the vertex and occiput, with a sensation as though there were lead in it, aggravated by moving the head and by a false step, with a feeling as though the brain were loosely moving about,[80].—**[370.]** When nodding forward, sensation as though the brain were pressed out at the vertex,[80].—A pressing headache in the region of the vertex, in the morning; returned in the evening, accompanied by burning in the stomach (seventeenth day),[74].—Violent pressing headache in the vertex on awaking, going off by degrees while he was still in bed, and disappearing entirely after he had arisen (twentieth day); awoke, in the morning, with a very severe pressing headache, which, at the commencement, was confined to the vertex; after a while, extended to the frontal eminences and eyes, and again returned to the vertex and disappeared; in the evening the head was entirely relieved, but when he especially directs his attention that way, the pain threatens to come on again, which is not the case when he intentionally fixes his mind upon the other suffering parts (thirty-third day); a very unpleasant pressing headache came on in the vertex towards noon, diminished in the afternoon, and disappeared in the evening (fifty-third day); transient pressing headache in the vertex after dinner (seventy-second day); pressing headache in the vertex and in the temples (the whole evening), (seventy-fourth day),[73].—Drawing-tearing headache from the vertex towards the middle of the brain,[6].—**A feeling in the vertex as if a nail were driven from within outward there* (second day),[84].—Sticking headache in the region of the vertex,[80].—Painful aching headache in the right side, most violent in the vertex and above the right eye,[12].—***Parietals.*** In the middle of the left parietal bone a spot of the size of a dime, sensitive to touch (third day),[36].—***Sensation in the right parietal bone as if a nail were driven in, which disappears on pressure upon the**

part (after half an hour),[5].—***Sensation as if a nail had been driven in, in the angles of the parietal bones**; *as this sensation ceased, an itching gnawing in the same region, which induced him to scratch* (till forty-sixth day),[33].—[**380.**] ***A pain in the right parietal bone, as if a pointed nail had been driven in,** *after dinner* (tenth day),[33].—Pain in the right side of the head; violent pressure in the right eyeball, that extended to the forehead and right temple, associated with dulness of the head; looking intently at the work aggravated the pain; at noon, on rising from work, the headache became somewhat better, and after dinner he felt so weak that he was obliged to go to bed, when he felt hot and perspired; afterwards, on rising and attempting to smoke, the headache became worse (thirty-eighth day),[13].—Painless drawing in the right parietal bone, with slight pressure, during which there was an almost agreeable warmth over the whole body (after four hours),[5].—Pressive-drawing aching in the left side of the head, extending into the left cervical muscles, from 9 P.M., relief towards morning, with offensive perspiration,[12].—Pressure in the left parietal bone, with dull pain (after two hours),[5].—Pressure, as with a convex button, in the region of the left parietal bone (sixth day),[33].—Painful pressure in the superior and posterior angle of the left parietal bone, as if a small *convex button were pressed against that part* (going off rapidly when touching it), (tenth day),[32].—Violent pressive headache, commencing in the posterior and inferior angle of the left parietal bone, and extending as far as the right frontal eminence. The pain only lasted while he remained in a state of rest; every movement diminished it, and it returned immediately after the movement ceased (after 20th dil.). This pain became especially violent after the 19th dil. It commenced half an hour after taking the medicine and lasted all day. Even on the day following he was awakened by it at 5 A.M. and was compelled to rise, after which it ceased; the head, however, remained stupid and dull,[34].—Violent tearing in the left side of the head and in the teeth of that side (twenty-ninth day),[75].—Tearing in the right side of the head on going to bed (thirty-first day),[75].—[**390.**] ****Tearing in the right side of the head and face, transversely across the nose, extending into the malar bone and over the eyes, worse in the morning and evening,***[1].—****Acute tearing in the whole right side of the head, extending into the teeth, interrupting sleep,** disappearing in the morning after rising, with coryza (fourth night),[12].—Tearing-drawing pain in the whole left side of the head, from the occiput to the eye (sixty-seventh day),[13].—A cramp-like sensation in the left side of the head, followed by a sensation of warmth,[5].—Dull sticking pain in the left parietal bone,[80].—Sticking headache on the right side, aggravated by moving the head and eyes, with nausea and heat, great weakness, and weakness of the eyes,[12].—Such violent sticking in the right side of the head that she could not speak on account of it,[12].—Sticking in the left side of the head on awaking, soon going off, but the head was dull all day (thirteenth day),[76].—Sticking in the left side of the head on bowing, even if she were not just then suffering from headache, for several days past (fourteenth day); on the right side after the headache had ceased (fifteenth day),[76].—***Occiput.*** Sensation of heaviness in the occiput (second day),[84].—[**400.**] Disinclination to lie upon the left side at night, because a spot on the head near the occipital protuberance is painful when lying upon it or on pressure; even the hair is painful to touch,[4].—Headache in the occiput,[81].—Drawing in the occiput (fifth day),[68].—Drawing and tension in the occiput (thirtieth day),[73].—Short painful drawing in the left side of the occiput (after half an hour,

thirteenth day),[82].—Constant violent pressing-asunder pain in the occiput, as if it would burst, with coldness of the temples,[12].—Violent constriction in the occiput and pit of the stomach, as if cramps would come on,[12].—Fulness and pressure in the occiput when walking in the open air, in the evening,[80].—Painful tension in the occiput from one ear to the other,[80].—Constant violent pressure in the occiput and nape of the neck, as if she would fly out of her skin,[12].—[**410.**] Dull pressive pains in the occiput for six hours (after one hour),[10].—Pressing pain in the occiput (fourth day),[86 78].—Violent pressing pain in the occiput,[79].—Jerking tearing in the occiput, more in the right side (after one hour),[6].—Tearing in the occipital protuberance and in the petrous portion of the temporal bone, for six weeks,[87].—Stitches in the occiput, in the evening (thirty-third day),[14].—Stitches in the brain, from the occipital foramen upwards (first day),[84].—A stitch from the foramen magnum through the brain to the vertex (fourth day),[84].—A painful stitch through the occiput from above downward (fourteenth day),[24].—Short accesses of crawling and running on the left side of the occipital bone (sixty-ninth day),[72].—***External Head.*** [**420.**] The hair of the head constantly falls out profusely, so that a bare spot began in the seventh month; after growing worse for four weeks, young hair began to grow, became more and more vigorous, so that three months later the whole hair was restored beautiful and shiny, and remained so,[12].—The hair of the head falls out freely, with itching on the scalp,[12].—**The hair becomes remarkably hard and dry, lustreless, and falls out*,[12].—The hair comes off on the vertex (forty-fourth day),[72].—Much scurfy eruption on the scalp, with rapid falling out of the hair,[12].—A scaly eruption on the head becomes worse,[12].—The whole scalp is covered with whitish-gray scales and small violently itching pimples, and somewhat swollen,[12].—White scaly eruption over the whole scalp, extending to the forehead, temples, ears, and nape of the neck, and to the neighboring parts of the skin (sixth month),[12].—Several small painless tubercles upon the head (forty-fourth day),[72].—The skin of the whole forehead is fatty,[12].—[**430.**] Roundish elevations appear on the forehead, with headache,[12].—A painful inflamed tubercle makes its appearance on the right side of the forehead (twenty-second day),[73].—Swelling of the veins on the temples and hands, without heat (during rest), (after eighteen hours),[8].—Three red painful pimples on both temples,[1].—A small painful furuncle on the right side of the occiput (after ten months),[13].—Superficial headache, as if the skin were rendered tense on all sides (first day),[86].—Headache in the scalp posteriorly, as if constricted from both sides,[3].—"Sensation of baldness; every hair hurts,"[12].—The whole head seems swollen externally, and when stroking with the hand, wavy, but more on the right side, on which the pain in the face is,[12].—**Sensitiveness of the scalp to touch, as if beaten* (after fourteen months),[13].—[**440.**] **The whole head is very sensitive externally*, so that everything, even if very soft, presses upon it; on the forehead several red pimples, and the skin of the whole face feels scraped, with large rough spots,[12].—**For several days the skin on the vertex has been so sensitive to the touch*, and shines so clearly through the hair, that the prover was afraid he was becoming bald (sixteenth day); a little spot still sensitive to touch (seventeenth day),[72].—Slight sensitiveness in the skin under the hair on the forehead, where the cool air at the open window was exclusively felt, after dinner (thirty-ninth day),[72].—Tearing in the tendinous aponeurosis on the skull, for some minutes (immediately, sixtieth day),[73].—A jerking constrictive pain in the hairy portion of the head, at the commencement of dinner (fifteenth day),[72].

—Twitching in the integument of the occiput, on the right side (second day),[83].—During the day, sensation as though the skin on the temples and forehead were shrunken and hard, continuing two hours (first day),[56].—Slight compression and crawling externally on the occiput (seventy-third day),[73].—Biting and corroding smarting on the right side of the scalp, in the evening,[6].—Corroding biting in the skin of the occiput, with a sensation as if something were crawling about in the hair, lasting half an hour (after thirteen hours),[6].—[**450.**] Itching on the occiput,[1].—Violent itching on the occiput, as far as the nape of the neck, covered with thin, dry, light-brown scurf,[12].

Eye.—Objective. A chronic scrofulous inflammation of the eyes, with swelling of the cervical glands, gradually disappeard during the first four weeks,[12].—Redness of the white of the left eye near the cornea, in the morning, without sensation (after seventy-four hours),[5].—Great redness of the whites of the eyes and of the inner surface of the lids. A slight swelling beginning in the evening, gradually increasing the whole next day, with much lachrymation and itching of both eyes; this was repeated still more violently after eight days,[12].—The eyes are red and painful on every effort,[12].—**The white of the eye is blood red*,[1].—Right eye congested with blood (twenty-first day),[16].—**The white of the eye is very much inflamed and red*, with biting and pressure as from sand,[1].—The weak eye is red and burning hot,[12].—[**460.**] (A spot on the cornea of the right eye becomes smaller and more transparent),[12].—Small ulcers in the eyes and on the head, with ulceration behind the ears, forming scabs,[12].—Eyes continually closed (twenty-ninth day),[76].—Eyes glued with mucus on waking (thirteenth day),[73].—The eyes secrete much gum (sixty-sixth day),[73].—Convulsive movements of the eyes, and a feeling as of a grain of sand in them,[12].—Squinting with both eyes, alternately coming and going,[12].—Squinting of the left eye,[12].—Weakness of the eyes (third day),[68].—The eyes are weak and painful from every effort,[12].—[**470.**] Weakness of the eyes, particularly observable when writing (third and fourth days),[69].—*Weakness of the eyes* when reading (ninth day),[71].—**Weak eyes, pressure as from fine sand in them*,[1].—Sensation of weakness of the eyes, with need of resting them, with burning and itching in them, and sensitiveness of all the surroundings of the eyeballs,[12].—Weakness of the eyes; on reading a quarter of an hour, the letters run together; it often seems as if the gaze were fastened upon a letter so that he cannot read further; the right eye is worse than the left; a glass afforded no assistance, though the eyes have no appearance of disease,[12].—Weakness of the eyes, even on exerting them a little; they ache deep in, and everything seems to become constantly smaller, until objects swim together,[12].—The weakness of the eyes increases, so that she sees badly both near and distant objects,[12].—***Subjective.*** **Feeling of dryness in the eyes*,[6].—Right eye dry, and in the margin of the lower lid a burning spot, as if a stye were about to form (twelfth day),[32].—Feeling of dryness in both eyes (after a quarter of an hour; thirteenth day),[32].—[**480.**] **A feeling as of sand in both eyes*,[12].—**Feeling of sand in the eyes*, especially in the right (sixty-third day),[13].—Pain in eyes and head at night (thirty-first day),[43].—Pains in the eyes compressing the lids together,[12].—Pain in the eyes as after too great effort, obliging to close them,[12].—The eyes are sensitive to air, and are easily irritated,[12].—The eyes feel dim, as if she was in the dark,[89].—The eyes constantly long for a warm covering; as soon as the eyes are uncovered they immediately become painful, and it seems as though cold streamed from the head out through them,[12].—Painful burning in the

eyes, with white mucus in the canthi,[12].—Dry burning in the eyes,[12].—[490.] **Burning of the eyes* (eighteenth day),[76].—Burning in the eyes without redness, with very indistinct vision,[12].—Burning in the left eye near the internal canthus, compelling him to rub it (third day),[68].—**Burning and stinging in both eyes and eyelids, with injection of the cornea*, in the evening (ninety-fifth and ninety-sixth days),[43].—Burning in the eyes, which were pained by the light, with the headache (nineteenth day). With the headache, burning in the right eye, which disappeared on repeatedly washing it with cold water (thirty-fourth day),[46].—**Violent burning in the eyes and eyelids*, at 2 P.M.; burning-pressing pains in the left eye, on the whole upper surface of the globe, aggravated by touch, in the evening (sixteenth day); burning in the eyes with the sneezing (fifty-fifth day); in the evening (sixty-seventh day); in the right eye (sixty-eighth day); burning and pressing in both eyes (sixty-ninth day),[72].—Burning in the eyes, especially in the internal canthi, in the evening (twenty-sixth day); on rising in the morning (forty-second day); slight in the morning (fifty-second day); at 10 A.M. (fifty-eighth day); as if the room were smoky (for an hour), in the evening (sixty-seventh day); after dinner (seventy-third day),[73].—Pressure and sensitiveness in the eyes (twentieth day),[73].—Pressure in both eyes (fifteenth day),[26]; (first day),[86].—*Pressure in the eyes* for two or three days,[1].—[500.] Constant pressure in the eyes, especially in bright light,[12].—A pressive pain, as from a grain of sand in the left eye, continues without any other symptoms,[12].—*A painful stitch through the centre of the left eye, commencing in the centre of the brain* (fourth day),[23].—An unusual distressing sticking sensation in the eyes,[12].—Sticking in the eyes in the morning (in the sharp air),[1].—Some stitches in the eyes, always in a bright light,[1].—Stitch in the left eye (sixty-eighth day),[13].—Sticking in the right eye (seventy-ninth day),[13].—The sticking pains in the eyes are aggravated,[12].—***Brow and Orbit.*** The hair of the brows falls out with much itching,[12].—[510.] Dry tetter on the eyebrows and head, itching and stinging,[12].—In the evening a painful little tubercle in the middle of the left *eyebrow* (fifth day),[33].—The roots of the hair of the left eyebrow are sensitive when passing the hand over them (sixteenth day)[72].—*Tearing pain in the left eyebrow, disappearing after touch* (after eleven hours),[8].—Slight drawing over the left eyebrow (forty fifth day),[72].—Slight pressing in the lower border of the right orbit, soon disappearing; but the orbital edge remained sensitive to the touch, and to the closing of the eye for a quarter of an hour (seventy-first day),[72].—Pressure and tension in the left and afterwards, also, in the right orbit, in the morning after waking (fifth day),[33].—Painful *tension* in the bottom of the left *orbit* for several minutes, at 7.30 P.M. (sixth day),[32].—Drawing pain in the bottom of the right orbit, continuing a quarter of an hour, in the morning (thirteenth day),[32].—A decided pressure above the right eye, externally (after three hours and three-quarters),[5].—[520.] A pressing sticking above the left eye, which extended toward the right, and then disappeared,[9].—***Lids.*** **Agglutination of the lids at night*,[12].—Eyes agglutinated for several mornings (forty-ninth day),[14].—Agglutination of the eyes, with a sensation as of sand in them, in the morning (fifty-eighth day),[13].—Eyes agglutinated, with pressure in them, in the morning (seventy-first day),[14].—Eyelids slightly agglutinated on waking in the morning (fifty-ninth and sixty-fourth days),[73].—Eyes somewhat agglutinated and watery in the open air (sixty-ninth day),[73].—The tips of the eyelashes become covered with fine light-brown scurf,[12].—Accumulation of hardened mucus in the inner canthus all day,[1].

—The eyelids were thick, as if she had cried a long time,[12].—[530.] Swelling of the upper lids (after seventy-six, and one hundred and twenty hours),[8].—The eyelids swell, become red and hot, with photophobia,[12].—The eyelids become redder and more painful, and secrete much thick, glutinous, corrosive mucus (sixth month),[12].—The canthi of the eyes are often inflamed for one or two days, with sticking and redness of the white of the eye,[12].—With increasing inflammation of the eyelids, the eyes become dry, and itch very much,[12].—The inflamed eyelids become covered with small ulcers,[12].—A red pimple on the margin of the lower lid,[1].—Frequent white desquamation from the eyelids,[12].—An old inflammation of the eyelids diminished rapidly from day to day, after the dose, until there was only a nightly agglutination of the lids,[12].—Thick, red, burning eyelids, spasmodically drawn together, with which the vision is very dim and obscure,[12].—[540.] A stye on the right eye, after the disappearance of which the eye became inflamed,[12].—Quivering in the upper eyelid (soon, second and third days),[68].—Frequent quiverings of the lower lid of the left eye (forty-eighth and forty-ninth days),[44].—Falling down of the upper lid several times a day, especially in the evening by the candlelight, with a contractive sensation in it,[12].—In the morning she cannot open the eyes well, and in the evening the lids are very weak,[12].—On waking, was for a long time unable to open his eyelids; they were painful, and closed involuntarily (ninety-seventh day),[43].—In the evening the eyelids feel as if she could not open them, lasting a long time (after fourteen days),[12].—Jerking of the left eyelid,[12].—Jerking constriction of the lids,[12].—Heaviness of the eyelids, with slight burning in the eyes, and heat in the right ear (seventy-second day),[73].—[550.] **Feeling as if the eyelids were swollen, and a foreign body were in the eye* (fourteenth day),[66].—Boring pain above the right inner canthus (after three days),[11].—A feeling in the internal canthus of the right eye, as if a grain of sand had fallen into the eye; this continued until bedtime, and rendered the movement of the eyelid somewhat painful, though no objective alteration in the appearance of the organ could be detected (fifteenth day),[74].—Sensation of heat and dryness in the left outer canthus, as if the part would be inflamed (after twenty-nine hours),[8].—Burning of the eyelids,[12].—A burning pressure in the outer canthus of the left eye, without redness (after nine days),[1].—**Burning and stinging in the edges of the eyelids in the evening* (even the smoke of tobacco burns in the nose), (seventy-first day),[73].—Burning in eyelids, and less distinct vision in the evening (thirty-first day); with obscuration of sight (thirty-second and thirty-third days),[43].—Slight burning in the left external canthus, in the forenoon (sixteenth day); in the canthi (twentieth day); in the external canthi (fifty-third day),[72].—Burning in the external canthi, after rising (thirteenth day),[66].—[560.] Cutting in the upper eyelid,[81].—A sticking and feeling of dryness in the right outer canthus, as if a grain of sand had got into it (twelfth day),[32].—A violent, deeply piercing, sharp stitch in the right inner canthus from time to time (after two hours),[1].—Violent stitch in the inner canthus of the left eye, which exudes moisture, by which the vision is obscured (after one hour and a quarter),[5].—***Lachrymal Apparatus.*** Frequent lachrymation, the tears do not run down, but remain in the eyes,[12].—Painful lachrymation of the left eye, worse in the air,[12].—Lachrymation, was obliged to wipe the eyes constantly (sixty-fourth day),[13]—Lachrymation, so that he could not see clearly (sixth month),[13].—Very profuse lachrymation in the cold, the eyes run a stream (after three months),[15].—Watering of the left eye while walking in the

open air (after nine hours),[1].—[570.] Tearfulness of the eyes in the air (fifty-fifth day),[73].—Eyes continually watered when walking against the wind, which had already been frequently remarked (sixty-eighth day),[73].—Frequent *lachrymation* of the left eye (when walking in the open air), (fifth day),[33].—The left eye began to water, the right one remaining dry (after fifteen minutes, tenth day),[32].—***Ball.*** Violent pain in the right eyeball, but soon disappearing, leaving behind a sensibility of the eye to touch of the hand, which remained a long time (first day); immediately on waking the same pain re-established itself (second day),[56].—Pressure in the eyeballs and on the skull, as if the eyeballs were pushed into their orbits by a stone, in the evening (seventieth day),[14].—Pressure in the right eyeball,[59].—Drawing tearing in both eyeballs, in the evening (seventeenth day),[56].—Tearing in the right eyeball, coming from the brain (first day),[84].—Stitches in the left eyeball and in the right metacarpus (first day),[84].—***Pupil.*** [580.] Pupils dilated in the evening (thirty-fourth day),[43].—Great dilatation of the pupils (after six hours),[8].—Great contraction of the pupils lasting five days (after one hour),[9].—***Vision.*** **Dimness of vision like a mist before the eyes, and pressure in them, as if they would be pressed out of the head, or as if they were swollen,*[1].—**Dimness of vision in the open air, like a veil, for near and distant objects, with confusion of the head for half an hour,*[1].—**The vision seems dim, with a feeling as if something were before the eyes,*[12].—The eyes become dim, weak, and squinting,[12].—Failure of the eyes when reading (within two hours),[71].—Can scarcely see anything more by the left eye, associated with photophobia, with lachrymation and agglutination of the lids,[12].—*Indistinct sight* (seventh day),[26].—[590.] *Obscuration of the sight with dilatation of the pupils, and burning of the eyelids* (forty-fifth to fifty-second day),[43].—Obscuration of the eyes while writing (first day),[70].—Failure of the sight, with the aching in the forehead (fourth day),[46].—Complete amaurosis of the right eye, and commencing weakness of vision of the left, requiring the brightest illumination, with rapid aching, loss of power on slight effort, associated with red swelling of the lids, secreting mucus; gradually became perfectly cured within nine months,[12].—*Short-sighted,*[1].—Short-sightedness increased,[12].—So short-sighted that he could scarcely see the ground, even near objects were indistinct (after nine months),[13].—Double vision when reading, momentarily relieved by closing the left eye,[12].—Photophobia in the open air, which had lasted for many years; with the seeing of a dark-red shine ceases, so that she can dispense with the blue glasses hitherto worn (ninth week),[12].—Slight sensitiveness in the right eye, in the morning (twenty-second day); sensitiveness of the eyes (forty-third day),[73].—[600.] Sudden blackness before the eyes while sitting quietly in the afternoon, so that she sees nothing, at the same time the voices of those standing about seem to come from a great distance,[12].—Sudden attack of blackness before the right eye, with crawling and an asleep sensation in the tongue, right half of the face and down the right arm, even to paralysis of the whole right side, and falling down and becoming delirious, speedily and entirely passing off, except frequent attacks of faintness while standing in the forenoon, in a pregnant woman (seventh month),[12].—In the evening by the candlelight it became dark before the eyes, so that he could not see distinctly, reading and writing were very difficult; the next morning on rising fluttering of bright white spots before the eyes, it seemed blue when the eyes were closed, it was difficult to read and write (after twenty-two weeks),[13].—It becomes black before the eyes, like a faintness, by paroxysms,[12].—Dark before the right eye, with

twitching of the upper lid,[12].—While reading, objects seem dark, with sensation about the eyes as if he had not slept enough,[1].—Vision of the eye that is not inflamed seemed dark,[1].—Vision seemed impaired; everything seen with the left eye seemed enveloped in a fog, so that when he closes the right eye he can scarcely read, because the letters seem covered in spots with fog (after six months),[13].—*Mistiness of sight*, with dulness of head (fifth day),[26].—At a distance it seems like looking through a fog; near, everything seems smaller,[12].—[**610.**] Every object seen by the right eye seems smaller than natural,[12].—Biting in the corner of the right eye, once about 5 P.M. (without any cause affecting the eyes), the surrounding objects swam before my eyes; I could not see clearly, much less read; this lasted nearly a quarter of an hour,[59].—A dark net swims before the eye with double vision,[12].—When reading the print swims before the eyes,[12].—All objects before the eyes swim on looking for only a short time (fourteenth month),[12].—Black points before the eyes, which seemed to move about, even on closing the eyes, with dulness of the occiput,[3].—Small black flashes flit before the eyes,[12].—A black woollen thread seems to float before the left eye; it actually seems to exist, and he tries to catch it (twenty-first week),[13].—Dark spots before the eyes while reading, so that reading was difficult (fifty-fifth day),[13].—*Clouds* and *streaks* (*muscæ volitantes*) were hovering before the eyes, accompanied with *indistinctness of sight*, which continued next day (ninety-seventh day),[40].—[**620.**] Illusion of vision; while writing all objects about him seem to tremble (immediately after eating),[9].—A gray spot before the right eye, with diminution and swaying to and fro of all objects, on closing one eye, worse in the morning,[12].—A gray spot flickers before the right eye, at times surrounded by a golden halo, at times whirling in a circle; the eye seems especially dim, and the white frequently red and hot,[12].—Frequent appearance as if a bird were flying before the eye,[12].—On going to dinner, a sudden sparkling before the eyes, and a multitude of black shining points swam before them, so that he could not clearly make out surrounding objects. After awhile this symptom disappeared; first in the right eye (fifth day),[74].—Flickering before the eyes at night, immediately after taking a dose,[12].—**Great flickering before the eyes*, associated with wavy movements, especially while writing (nineteenth day),[13].—**Flickering before the eyes*, so that he could scarcely see during dinner (thirty-fourth day),[13].—Fluttering and flickering before the eyes, so that vision was indistinct, continued to recur (after twenty weeks),[13].—Fluttering bright zigzags before the eyes (seventieth day),[13].—[**630.**] A wavy, zigzag movement before the eyes for an hour after rising from bed, making vision very indistinct (seventeenth day),[13].—On entering a dark room, a *luminous disk* of the size of a pear *hovered before his eyes*, it shone like a firefly (sixth day),[23].—Golden points floating downward in the eyes, and slowly disappearing,[12].—Colored lightnings at times shooting through the eyes,[12].—**Seeing of a luminous disk, shining like a firefly.* This was sometimes perceived in the daytime, but most frequently at twilight, in the room. Afterwards this luminous circle, which followed the movements of the eyeball, and was hovering at various distances, now before one, now before both eyes, assumed a more elliptic form, and had a dark violet or blackish nucleus in the centre. Sometimes the disk was of the size of a millet or hemp-seed, but always luminous on the edge (till forty-sixth day),[23].—Bright blue glistening spots before the eyes, so that he could scarcely see distinctly in the morning on rising (after six months),[13].—Bright flickering zigzags before the eyes, so that he was obliged to close

them while writing, while it lasted he could not see distinctly (sixty-ninth day),[13].

Ear.—External. Fine cramplike pain in the right external meatus auditorius; worse when the scalp is drawn down from the highest point of the skull (after four days),[11].—Cramplike sensation in the right outer ear (after four hours and a half),[3].—Compression in the external ear,[82].—[**640.**] Extraordinarily violent tearing in the left concha, and soon after in the left eye, which ended with a darting stitch through the middle of the eyeball (third day),[57].—A continuing squeezing-sticking pain in concha of the left ear, after dinner, while sitting (first day),[24].—Tension in the lower portion of the outer ear, as though a band were pulling downward (after six hours),[11].—Violent pressing-burning pain behind the right ear (after nine hours),[10].—Dull pressing pain behind the left ear (after half an hour),[10].—Slight drawing behind the right ear, and some constriction in the ear (thirty-seventh day),[72].—Drawing behind the right ear, with single stitches in the mastoid process of the temporal bone, soon disappearing after dinner (sixty-ninth day),[72].—***Internal.*** (Increased amount of ear-wax),[1].—There exudes from the right ear a constant moisture smelling like bad meat, with swelling and a noise of boiling water in the ear, with difficult hearing,[12].—(Discharge from the ear diminished),[12].—[**650.**] Great swelling within both ears, with very difficult hearing, congestive pulsation of the vessels in it and in the whole head, lasting a long time and recurring at indefinite intervals (eighth to eleventh month),[12].—Sensation of swelling in the ears, with increased difficulty of hearing,[12].—Aching boring in the right ear, and at the same time in the teeth, right eye, and forehead, becoming intolerable in the evening,[12].—Cramp in the inner ear like an earache and a compression, followed by a stitch like a streak of lightning, so that he trembled; frequently in the evening,[1].—A transitory cramp pain in the right ear (ninth day),[52].—Tension in the auditory passages and stoppage of the ears (forty-sixth day),[73].—Sensation as though something were squeezed out at both ears,[79].—Pressing pain in the meatus auditorius (at noon),[1].—Pressing sticking pain in the right meatus auditorius (after five hours),[10].—Boring in the ears (third day),[15].—[**660.**] Twitching in the right ear, with sticking pains (first day),[84].—Quivering twitching from the ear to the left corner of the mouth,[79].—Pinching pain in the right ear,[5].—Pinching in the left ear when swallowing,[12].—Sticking in the ears,[12].—Sticking and ringing in the right ear (first day),[84].—Single, flying, very painful stitches from the depth of the right ear through the external ear (thirteenth day),[73].—Several stitches in the interior of the right ear,[79].—Dull sticking in the interior of the right ear,[80].—Dull sticking from the right ear and under the lobule outward (first day),[83].—[**670.**] Very violent stitch in the right ear, from the external part inward to the internal, which compelled him to hold his breath and left the ear sensitive for awhile, as he came from the cold air into the house, at night (twenty-ninth day); in the morning another, but less severe attack of pain in the ear; a sensation in the ear as if the free access of air were prevented, but without the slightest diminution of hearing; in the forenoon the ear was well again, but after dinner he had a feeling in it as if the external organ were filled with water, similar to the sensation felt when one dips his head under the surface (thirtieth day); a reminiscence of the earache of the thirtieth day, in the forenoon; entirely relieved in the evening, but threatening to come on again when he especially directs his attention that way, which is not the case when he intentionally fixes his mind upon the other suffering

parts (thirty-third day); instead of the right, the left ear has to-day a touch of the sticking pain (thirty-fourth day),[73].—Violent itching in the ear, as from an ulcer,[12].—12.50 P.M., when indoors, a sudden, transient feeling, as if cold air blew into right ear (fourth day),[90].—Heat in the right ear (seventy-second day),[73].—In the morning, feeling of fulness, with stoppage in the right ear and frequent sneezing, which returned in the evening; soon after which quite violent itching in both nostrils towards the point of the nose, after a short continuance of which, a secretion of thin mucus followed (fourteenth day),[73].—A feeling of stoppage in the left ear, with diminished power of hearing, each time lasting several minutes, in the morning and at noon (forty-second day),[44].—Both ears stopped (first day),[84]; (second day),[87].—***Hearing.*** Hearing alternately good and bad,[12].—Hearing very difficult for some days (third week),[14].—The right ear seemed to suffer, the hearing was impaired, the lower part of the concha was inflamed, swollen, sensitive to touch, at times associated with itching and roaring (after six months),[13].—[**680.**] Difficulty of hearing increased, with constant singing in the ears,[12].—Noise in the ear, as from rattling of tinsel-paper,[12].—Frightful sounds in the ears, with dulness of the head,[12].—Buzzing in the ears (second day),[88].—Buzzing and roaring in the head, at noon (forty-first day),[73].—Violent buzzing in the ears, lasting several hours (thirty-ninth day),[77].—Whizzing and buzzing in the right ear (fourth day),[32].—Whizzing in the left ear (tenth and twelfth days),[32].—Hissing in the ears, as of boiling water,[12].—Constant singing in the head of the same melody,[12].—[**690.**] Ringing in the ears,[10 12 87].—Ringing in the ears for several hours,[85].—Ringing in the ears, frequently during the day (second, third, and seventh days),[84].—After dinner, suddenly felt a shrill ringing in the right ear, which, after a few hours, as suddenly changed to a dull buzzing and groaning, the latter sensations gradually to a noise as of a bubbling liquid, which continued all night (thirty-seventh day),[43].—Frightful hammering and tearing in the ear, in the evening in bed, lasting till after midnight, with micturition every half hour, and with cold feet as far as the knees,[1].—Creaking in both ears when swallowing, resembling the turning of a wooden screw, accompanied with a sticking and feeling of dryness in the right outer canthus, as if a grain of sand had got into it (twelfth day),[32].—Painful sticking and creaking in both ears as when a wooden screw is turned, especially during empty deglutition (after a quarter of an hour, thirteenth day),[32].—Painful thumping and roaring in both ears on coming into the room from the open air, in the afternoon (sixty-ninth day),[73].—Roaring in the ears (fifth day),[84]; (forty-second day),[87].—Roaring in the left ear (ninth day), and *creaking when swallowing saliva* (fifth day),[33].—[**700.**] Roaring in the ear (early, in bed),[85].—Roaring in the ears, like a draft through a stove (after one hour),[10].—Constant roaring and rumbling in the ears, as if she frequently heard the bellowing of cattle,[12].—Roaring in the ears causing aching, with painfulness of the whole occiput, aggravated by swallowing,[12].—Diminished roaring in the head and ears, and improved hearing, in a girl suffering from difficult hearing for a very long time (twelfth month),[12].

Nose.—Objective. **Swelling and induration of the left wing of the nose, with tensive pain*,[6].—Small furuncular swelling in the right nostril,[12].—The nose is unusually red and hot,[12].—**A red itching spot, painfully sore to touch, in the fissure of the right wing of the nose* (sixty-ninth day),[13].—The nose becomes thick, with alternating scurfy nostrils and much prickling heat, so that air cannot be drawn through it, with frequent bleeding,[12].—

[710.] *Some ulceration half an inch within the nose where there is a scab,[1].—Nose constantly sore, with swelling in it and in the upper lip,[12].—Sneezing (after twenty-eight hours),[6].—Frequent sneezing (ninth day),[20].—Much and violent sneezing,[12].—Long-continued sneezing twice daily, in the forenoon and towards evening, for fourteen days, with commencing improvement,[12].—Sneezing, with discharge of thin mucus from the nose (after half an hour),[13].—In the evening, frequent violent sneezing, which returned the next morning (eighth day); after dinner, frequent violent sneezing, without catarrh (a thing very unusual with him), (ninth day); frequent sneezing (sixteenth day); frequent violent sneezing and tickling in the nose, in the evening (twenty-fourth day); in the morning, frequent sneezing again, with increased secretion of mucus, accompanied with frequent dry hacking cough (twenty-fifth day); in the morning, frequent violent sneezing, in a short time ends with dulness in the head (twenty-ninth day); sneezing in the morning (thirty-first day); frequent violent sneezing, at noon (fortieth day); with tickling in the nose, and burning in the eyes, as though a catarrh were coming on, on awaking (fifty-fifth day),[72].—Frequent sneezing, with obstructed nose and roughness in the throat; these catarrhal symptoms became more severe in the evening, with aching in the forehead and weight and pressure in the eyes, followed by a very restless night (thirty-eighth day); on waking in the morning his throat is entirely coated with phlegm, and afterwards the larynx and trachea are painful; then general malaise, both of body and mind; the forehead aches, his eyes burn, his nose is obstructed, and his voice is hoarse; at noon he felt better when walking in the open air, but when at rest the aggravation again returned; there was much flowing from the nose, his feet were cold, and the general feeling of illness sent him to bed early in the evening; it was, however, a long time before he could get warm, and dulness of the head, frequent cough, stoppage of the nose, and, in short, all the symptoms of a slight catarrhal fever set in (thirty-ninth day); in the morning he felt very uneasy and very weak, and lay in bed until 10 o'clock; afterwards he felt better; at noon, buzzing in the head, which feels dull; frequent dry cough; incomparably better in the evening than on the previous day; the febrile symptoms came on at night, but ceased after midnight, and towards morning perspiration broke out (fortieth day); frequent violent sneezing, with cough and raising of mucus, in the morning (fifty-second day); frequent sneezing (fifty-ninth day); sneezing in the morning (sixty-fourth day); two sneezings, which seemed to be excited by a vapor rising from the stomach into the nose (immediately, sixty-ninth day),[73].—Very violent dry catarrh, with running of water from the nose at times (seventeenth day),[14].—**[720.]** Constant dry catarrh in the right nostril,[12].—Catarrh all day (seventeenth day),[76].—Very severe catarrh, with increased secretion in the air-passages (thirty-fifth day),[75].—There came on without cause, in the evening, a heavy cold preceded by dulness of the head and frequent sneezing (seventh day); the catarrh was troublesome through the whole of the proving, and had this peculiarity, that it often completely disappeared for hours together and then suddenly returned without cause, with renewed severity and with much sneezing; the catarrh, which had remitted, became worse, with frequent sneezing (forty-sixth day); the catarrh lasted over three months, and the prover has much less hesitation in ascribing it to the power of the drug because a catarrh has never lasted him so long before,[44].—A feeling of stoppage in the right nostril, with frequent sneezing and chilly feeling in the feet, which were externally warm to the touch (fourth

night); the nose symptoms, with dull confusion in the head (fifth day); the catarrh is still present, only somewhat diminished in degree (seventh day); it had vanished, but now showed itself anew by an increased secretion of mucus from the nose (eleventh day); catarrh worse (twelfth day); it became very severe, and one or the other nostril was almost constantly obstructed; at 3 P.M., sneezing, succeeded by very violent sticking in the lower part of the right lung (thirteenth day); catarrh reduced to a minimum (fourteenth day); the running from the nose is again pretty copious, frequent sneezing (fifteenth day),[65].—Catarrh and spasmodic cough, with vomiting of mucus in the morning, for several days (eighty-seventh day); fluent catarrh every day while sitting at stool, for the last week (ninety-ninth day),[12].—Frequent catarrhal discharge from the nose (after two hours); dry catarrh, which becomes fluent by sneezing, in the open air (after ten hours); without sneezing, with mucus in the fauces, obliging to hawk, nothing to be hawked up (after twenty-six hours); with constant headache (after forty-eight hours),[8].—Fluent coryza, in the morning (after seventy hours),[8].—Violent coryza, with cough, at night (after thirteen days),[f].—[**730.**] Violent fluent coryza and catarrh; the like of which he had not had for many years,[1].—* *Violent sudden coryza*,[1].—Fluent coryza disturbing the night's rest (thirteenth day),[21].—Coryza and cough, with unusual gray expectoration, repeated at indefinite intervals,[12].—Coryza and cough, with stitches beneath the left breast,[12].—Coryza, with tickling in the throat provoking cough, with rawness in the chest, griping and burning in the abdomen, diarrhœa, much thirst, and increased leucorrhœa,[12].—Violent coryza relieves the general sickness,[12].—Unusually violent and fatiguing coryza, with constant running from the nose, hoarseness and a very racking, almost incessant cough, only during the day, not at night, lasting fourteen days (fourth week),[12].—Profuse chronic coryza, with purulent, offensive discharge of mucus, and soreness of the nostrils (third month),[12].—Especially violent, persistent coryza, with hoarseness, pain in the throat, cough, with mucous expectoration and pain in the chest, back, and sacrum, with extraordinary weakness and increased leucorrhœa, has appeared since the rapid improvement of the previous paralysis, so that now she can walk about as vigorously as usual,[12].—[**740.**] Fluent coryza only from the left nostril, with lachrymation of the left eye,[12].—Fluent coryza (after two hours),[13].—Violent fluent coryza, with sneezing, lasting as long as he sat at stool and strained; after a meal he smoked, which was followed by another stool, and by renewal of the fluent coryza (fifty-first day); fluent coryza during stool (sixty-fourth day); the most constant symptom is fluent coryza; he uses four to six handkerchiefs daily, with violent sneezing three or four times in succession (after twenty weeks); violent fluent coryza, with frequent and violent sneezing, hawking of mucus, waking from sleep at night, with profuse discharge of mucus (after twelve months); fluent coryza during stool (after fourteen months),[13].—The increased secretion of mucus obliged him frequently to blow his nose (fourth day); in the morning, frequent sneezing, stoppage of the right nostril, alternating with running; this catarrh lasted two hours, then suddenly vanished; it appeared again for a little while in the evening, and ceased suddenly as if cut off (fifth and sixth days),[67].—Secretion from the Schneiderian membrane increased (sixteenth day),[67].—Frequent blowing of thick mucus from the nose, at noon (seventeenth day); copious secretion of mucus from the nose (nineteenth day),[72].—The nasal secretion was tolerably copious, and thick mucus was thrown off by frequent coughing throughout the day (fifty-second day);

a watery, catarrhal flow came on in the house (fifty-sixth day),[73].—Discharge of a very large quantity of thick yellow mucus tasting like old cheese, with constant coryza and cough (first fourteen days),[12].—Unusually profuse discharge of thick green matter mixed with pus and blood and hard pieces, at last mingled with dry brown crusts, which were tightly adherent to the upper portion of both swollen nasal passages, and which also come down from the frontal sinuses, are blown from the nose for eight days, followed by good improvement, in a full-grown girl suffering from leucorrhœa and scrofula since vaccination (ninth week),[12].—**Discharge of offensive purulent mucus from the nose*, partly thick, partly yellowish-blackish green; on blowing the nose it can be felt to come from even the frontal sinuses, partly running out in a liquid form, with increasing improvement of an old asthma (twelfth week),[12].—[**750.**] Profuse discharge from the nose of a large quantity of greenish yellowish-white slimy matter, smelling like old cheese, for four months, during which the recovery of the tuberculosis of the lungs, with the excoriating leucorrhœa, proceeds visibly day by day, and the whole appearance improves,[12].—Discharge of offensive mucus from the right nostril,[12].—Nasal mucus mixed with clotted blood,[1].—Bleeding at the nose, in the evening (third and ninth days),[20].—*Frequent blowing of blood from the nose*,[4].—Nosebleed daily, only from the left nostril,[12].—Frequently repeated nosebleed (first week),[12].—Nosebleed on slightly blowing the nose, in the morning after rising from bed, for two days,[6].—Nosebleed two or three times every day,[1].—Nosebleed in the afternoon, after which the head was relieved (thirtieth day),[76].—[**760.**] Nosebleed, especially when he becomes heated (after seventy hours),[4].—Clotted blood in the nose, for several days,[12].—Violent bleeding at the nose, almost every time he blew it (thirty-second day),[20].—***Subjective.*** Stoppage of the nose (eighteenth day),[76].—Stoppage of the nose, with nasal sound of the voice (thirty-third day),[75].—In the morning, obstruction of the nose, from which a quantity of blood was blown during the whole day, with aching in the forehead (seventh day),[20].—Obstruction of the nose, which began to bleed as soon as he attempted to expel air through it (second day),[21].—Nose stopped by constant dry catarrh, with frequent hawking of mucus from the throat,[12].—**Sensation of dry catarrh in the upper part of the nose, worse in the evening; the nose seems stopped*,[1].—Dryness of the nose internally, in the evening, so that the dried mucus had to be removed; in the morning the nose was normal; after lying in bed some time the dry catarrh returned (thirty-ninth day),[13].—[**770.**] **Unusual dryness in both nasal cavities* (thirteenth day),[20].—**Troublesome dryness in the nose*, lasting half an hour (soon); *dryness in the nose* (fourth day),[74].—*Troublesome *dryness and sensitiveness of the nose*, as at the commencement of catarrh. This sensation extended by degrees into the frontal sinuses, and the eyes also became sensitive; these symptoms disappeared in the afternoon (fifteenth day); after rising, the same feeling in the left nostril and right frontal sinus came on that had been experienced two days before; but now the right nostril was entirely free from it (seventeenth day),[72].—Troublesome dryness in the nose up into the frontal sinuses, in the evening (forty-first day); troublesome dryness in the nose (forty-second and forty-third days); with tickling; in the forenoon, the dryness and pressure in the nose and frontal sinuses so increased that he was very much incommoded by it in his lecture; at noon a catarrhal flowing came on and disappeared again entirely in an hour after; soon after the pressure on the root of the nose and copious secretion of mucus returned; the pressure afterwards drew off towards the

ears, where it produced tension in the auditory passages and stoppages of the ears (forty-sixth day); dryness and tension in the nose, with a feeling as if the whole mucous membrane were swollen (immediately, forty-seventh day); the familiar troublesome dry feeling in the nose appeared at noon, while sitting quietly in the room; was much ameliorated in the open air, but returned, though less violently, on coming into the house again; the nose first became moist after he had smoked a cigar (forty-ninth day); dryness of the nose (sixty-sixth day); on smoking a cigar (sixty-eighth day),[73].—Sensation of tension above the right wing of the nose, disappearing after rubbing (after twenty-four hours),[6].—Dull pain at the root of the nose, with a feeling of warmth, as if a cold would set in, in the forenoon (first day),[20].—**Painful pressure at the root of the nose* (third day),[21].—Burning in the lower border of the right nostril, which was sensitive to touch (for half an hour), at noon (fifty-fourth day),[73].—Burning and dryness in the right nostril, up as high as the frontal sinuses (sixty-eighth day); burning in the whole nose, which feels swollen, with increased sensitiveness on the septum, on which several vesicles are to be seen; the vesicles are dried up in the afternoon (seventy-seventh day),[73].—**In the right nostril, a feeling of soreness or ulceration, which was aggravated by pressure upon the ala, but disappearing on the following day* (fifty-sixth day),[44].—[**780.**] Stitches in the left wing of the nose,[50].—Corrosive crawling on the nose,[1].—Crawling in the nose, as in coryza,[1].—***Smell.*** Dulness of the senses of smell and taste (seventh to thirteenth day),[24].

Face.—Objective. Looks very ill, and is somewhat bloated in the face (twenty-first day); looks pale and earthy (twenty-fourth day),[76].—Suffering expression,[12].—Bad, sunken appearance (seventh day),[26].—The face is wan, and the appearance bad all day (sixty-sixth day),[73].—She looks very much disturbed, with a pale face, rapid emaciation, and great weakness, which, together with her derangement, she makes great effort to conceal from others,[12].—The hitherto earthy expression becomes brighter (first four weeks),[12].—[**790.**] The pale look in a fourteen-year-old girl gradually gave place to fresh red cheeks (during the first six weeks),[12].—Pale yellow color of the face,[12].—Constantly hot, fiery red face, with small fine varicosities itching very much,[12].—Redness of the face, with cool extremities, in the afternoon (twenty-sixth day),[76].—Looked pale (eighth day),[20].—Constant paleness of the face,[12].—Looks pale and sickly (eighty-fourth day),[42].—Skin of the face unclean, as if dirty,[12].—Face, œdematous, puffy for a long time,[12].—Glistening white erysipelas of the face,[12].—***Subjective.*** [**800.**] The face and lips feel swollen by paroxysms,[12].—The face seems burnt by the sun, though it is not,[12].—Pain in the face, at first daily at 7 A.M. and 8.30 P.M., afterwards more dull and lasting all day, commencing in the left cheek-bone, near the ear, extending through the teeth to the nose, and through the eye and eyebrow to the temple and into the head; about 8.30 P.M., a dull electric shock through the dental nerves and thence suddenly spreading out, with burning like fire in the painful parts, which are very sensitive to sunlight; the left eye is also very much affected, smaller and very sensitive to every change of air; previous to this there had been many very large boils and pimples on the face and neck (tenth month),[12].—Burning tearing in the whole left side of the face, apparently in the periosteum, at dinner (sixteenth day),[72].—Slight drawing in the right masseter, with accumulation of saliva in the mouth (seventy-second day),[72].—Soon I perceived a slow drawing, sometimes darting pain, in the right half of the face, from the temple to the teeth; then the whole became

sensitive, and increased in sensitiveness with the subsequent symptoms, in the course of the afternoon,[62].—Drawing pain between the mouth and nose, as if the periosteum were tense; a pain extended over the nasal bones, as if a saddle were upon them,[7].—Acute drawing pain in the face through the left cheek, teeth, ear, and down the side of the neck, worse when lying down at night, relieved when walking about and by warm covering,[12].—Violent tearing in the face at night, with swelling of the cheeks, ending with an ulcerated tooth,[12].—Tearing pain in the face, constantly increasing, with swelling of the left cheek, lasting five days (after second day),[12].—[810.] Lightning sticking pains in the face, extending into the left jaw, which has no teeth, through the ear, and into the head, by paroxysms,[12].—***Cheek.*** Swelling of the glands on the side of the left cheek,[1].—Over night the left cheek becomes thick, with tension in it, and drawing in the teeth, which increased till the next day, rose higher, to the eye, under which œdematous swelling appeared, then extended over the nose, and gradually spread over the other cheek, and after the second day it diminished, with aching in the gum, very general weak feeling, and a drawing nervous pain in all the limbs (a kind of œdematous erysipelas, in one who had never been subject to it), (seventh month),[12].—Circumscribed burning redness of the cheeks, daily in the afternoon, with internal excitement and increased pains in the head and teeth,[12].—Sensation as if a spot under the right nostril would become indurated (after three hours and a half),[5].—Cramplike pain in the right cheek when the part is at rest (after half an hour),[5].—Jerking, fine-sticking pain in the muscles of the cheeks, only when walking in the open air,[1].—**Boring pain in the left malar bone, relieved by touch* (after seven, and twenty-nine hours),[8].—Burrowing, painful itching in the left malar bone (after half an hour),[8].—Tearing in the jaws, with swelling of cheeks, nose, and under the eyes, with heat and stinging and bruised feeling in them,[12].—[820.] Crawling drawing in the left zygoma, which left behind, for a long time, a feeling of dulness (seventeenth day); appeared again on the same, and afterwards on the right side (eighteenth day),[56].—Crawling and drawing in both zygomata, and in the left upper maxillary bone, came on instantaneously, and disappeared again as rapidly as it had appeared (first day),[57].—Crawling drawing in the zygomata for six weeks,[57].—In the evening, while chewing a piece of bread, *an intense sticking pain between the left ear and zygomatic arch*, as if the jaw-bone had suddenly become dislocated, extorting a scream; this pain was experienced every time he attempted to chew, continuing the whole evening, and was still felt the next morning (second day); the beforementioned pain in the muscles of mastication, on chewing, in the evening (third day),[32].—Crawling and twitching extending towards the zygoma,[1].—Stiffness of the left masseter muscles, painful on opening the jaws (after four days),[11].—Transient drawing in the left superior maxillary bone, at 1 P.M. (sixth day); drawing in the left superior maxillary bone, at 5 P.M. (tenth day); in the right superior maxillary bone, in the forenoon (eleventh day),[65].—Drawing tearing in the left side of the upper jaw by paroxysms,[12].—Repeated gnawing-boring pain in the left upper jaw (after one hour and a half),[8].—Violent tearing in the left upper jaw, extending towards the eye (after two hours),[5].—***Lips.*** [830.] The whole of the lips, the gums, and the frænum of the tongue are covered with a number of large and small white flat ulcers,[12].—The lips are heated and cracked, and pain very acutely when eating,[12].—The lips, gum, and tongue are very pale,[12].—The upper lip, which has been thick for a long time, becomes still more swollen

(second week),[12].—The thick scrofulous upper lip becomes smaller (third week),[12].—Blisters on the upper lip,[12].—In the forenoon, *on the upper lip, an elevated, red violently itching spot*, which compelled him to scratch, but was gone without a trace, at the expiration of an hour (twenty-eighth day),[72].—Slight heat and redness, with burning on the upper lip, in the morning (fifty-fourth day); upper lip somewhat swollen and burning (sixty-seventh day); violently itching tubercle makes its appearance upon the upper lip, near the right corner of the mouth (seventy-first day),[12].—On the edge of the upper lip two small, dark red, burning spots, of the size of a lentil; on which, during the three following days, little elevations were developed, which dried up, and fell off (after ten days); later two new spots appeared, which ran the same course (tenth day),[56].—The lower lip swells and becomes scurfy,[12].—[**840.**] A large blister on the inner surface of the lower lip,[12].—The lips are painful, as if burnt,[12].—Twitching of the upper lip,[1 12].—In the evening, sudden cramplike *twitching of the under lip*, and here and there *in circumscribed spots on the skin* (thirty-first day),[72]—**Jerking sensation in the upper lip, near the corner of the mouth*,[6].—Dryness of the lips without thirst (after eleven hours),[8].—**The upper lip is sensitive* (seventy-seventh day),[72].—Burning on the red of the lips and palate,[1].—Cutting in the left side of the upper lip,[80].—A cutting through the left half of the under lip, from below upward (second day),[53].—[**850.**] (Stitches in the lips),[1].—Fine itching in the inner side of the upper lip,[2].—

Chin. The joints of the lower jaw crack when he yawns, a wholly unusual occurrence (thirty-seventh day),[73].—Tearing drawing in the right lower jaw in the evening,[6].—Tearing pains in the under jaw, which began on both sides, in the region of the joint, ran forward together in a line to the chin, united, and simultaneously disappeared,[79].—Flying tearing in separate jerks, from the angle of the under jaw to the os hyoides, pretty deep in the integuments (forty-fifth day),[73].—Stitches in the lower jaw coming out of the ear,[1].—Needle-like stitches in the left lower jaw (after one hour and a half),[8].—Violent drawing stitch in the angle of the left lower jaw, disappearing after touch (after eight minutes),[8].—A boring stitch in the right side of the under jaw (sixty-first day),[73].—[**860.**] Sticking pain in the left lower jaw, afterwards some acute stitches, as with needles in the left side of the brain, towards morning (sixty-seventh day),[14].

Mouth.—Teeth. Grating of the teeth at night,[12].—**The teeth become a dirty yellow*, which persists,[12].—(The teeth which had been yellow during the first part of the proving began to be whiter), (fifty-ninth day),[13].—Bleeding of all the teeth, in two paroxysms, in one day,[12].—Looseness of the teeth, which are also in part crumbly,[12].—The teeth seem loose and sensitive to every touch,[12].—All her teeth seemed loose in the morning (nineteenth day),[76].—Sensation in the lower front teeth, as if the gum were loosened from the teeth, the gum is red, with dark-blue points, and with a white suppurating margin around the necks of the teeth,[12].—All the teeth are painfully sore, making chewing impossible,[12].—[**870.**] Sore pain beneath the last right teeth,[7].—Great sensitiveness of the front teeth, cold and warmth cause breaking pains (fifty-third day),[13].—Increased sensitiveness of the eye-teeth, a rigid sensation on biting on them, with vertigo and dulness of the head (sixty-eighth day),[13].—Toothache from evening till midnight, dull, as from fine pressure upon a nerve, with at times jerking in it,[1].—Toothache in all the back teeth of both sides, increasing from day to day, only caused by chewing while eating, and rendered intolerable

when biting upon them; lasting a long time (fifth month),[12].—Dull toothache in the left side, as if the teeth were affected by acids, together with aching in the left side of the forehead, and increased desire to urinate,[12].—A continuous digging and burning pain in two upper hollow molars of the right side. (Toothache removed by a dose of Merc. sol. 3), (third day); the toothache returned, whenever he entered a warm room from the street, and remained there a little while; cold water was the only palliative when the pain was very violent, it gradually disappeared in some days (fourth day),[22].—The toothache again made its appearance, but only under similar circumstances (fourth day); after walking in the open air, he entered a warm room, when the above-described toothache again made its appearance, but soon abated, and disappeared on using cold water. This symptom returned as often as he entered a closed apartment, and remained in it for awhile. It was immediately diminished by inhaling the air at an open window for a few minutes (eleventh day),[23].—The toothache returned ten minutes after having entered a warm room without fire, in the forenoon (first day); the toothache made its appearance again in the usual paroxysms (thirteenth day); toothache came on again as often as he entered a closed apartment from the open air (fifteenth to thirty-third day),[24].—A continued digging pain in two hollow upper molars of the right side, relieved by cold water, but increased by warm soup and tobacco-smoke (fourth day),[25].—[**880.**] Burrowing and hammering toothache, aggravated by every touch of the tongue, and worse at night, with a dark-red gum, and with swelling of the cheek, painful to touch (second month),[12].—Ulcerating toothache, lasting a long time, coming and going,[12].—Constant corroding pain in a hollow tooth, affecting the whole side of the head, aggravated by all cold (drinks or air), and also by chewing (after four days),[11].—Breaking toothache in the front teeth, caused by cold drink (sixty-seventh day),[13].—Pressing pain in a hollow tooth on blowing the nose,[1].—Sudden pressive pain in the root of an old tooth, followed by the formation of an ulcer on the gum (after thirteen months),[14].—After every cup of his accustomed tea he suffered from a violent pressing pain in the first lower molar, as if the tooth were splitting asunder, a pain which afterwards extended over the whole upper and lower jaw, and gradually disappeared (after one hour),[5].—Acute nervous drawing in the front teeth,[12].—Sharp drawing toothache in the lower teeth, extending from below upward, frequently without cause, usually worse while eating,[1].—Drawing in the lower incisors, immediately (tenth day),[65]; several times (sixteenth day),[67].—[**890.**] Wandering, drawing pains in the hollow teeth for two days (after thirteen days),[75].—Tearing in the teeth of the left side, in the afternoon (thirty-fourth day),[75].—Paroxysm of tearing toothache, every night, at midnight,[12].—Tearing in the teeth, recurring daily, from 10 to 11 A.M., and in the evening,[12].—Tearing pains in the right lower teeth, with swelling of the cheek, extending as far as below the chin, preventing opening the mouth, with pains in the throat that make swallowing difficult,[12].—Violent tearing toothache, day and night, extending through all the teeth, suddenly coming and going, lasting four weeks,[12].—Violent tearing toothache drives him out of bed at night,[12].—Sudden violent tearing in the first left lower molar, suddenly extending over the whole lower jaw (after three-quarters of an hour),[5].—Jerking pain in a hollow tooth, in the morning,[1].—Feeling of numbness of the incisors (thirty-seventh day),[12].—[**900.**] Tolerably strong, jumping-sticking pain in a hollow tooth of the left under jaw, which had never ached before; this pain appeared only upon the day

of taking the drug, and about three to four hours after its administration; it disappeared again under the subsequent remarkably large doses,[52].—Sticking pain in an incisor,[1].—A sudden stitch in a hollow tooth, in the evening while eating (sixteenth day),[13].—Toothache, like a hacking or sharp throbbing in the gum,[2].—Throbbing in the teeth, with tearing, swelling of the left cheek, under the chin and in the mouth, as from an abscess, which would break, with stitches in it, with a faint sick feeling, loss of appetite, very coated tongue, a sensation of emptiness in the whole fore part of the abdomen, lasting two days, and disappearing very suddenly on the third day,[12].—***Gums.*** The gum bleeds easily, and is sore to touch,[12].—The gum is swollen, with streaks of dark redness, and with large distended veins, and in many spots, as also on the lips, covered with superficial white ulcers, with constant tearing toothache and headache,[12].—Great swelling of the gum and tongue, which are painful every time she takes anything hard into the mouth, or eats,[1].—Gum swollen and painfully sore,[1].—A white superficial chancre-like ulcer on the inflamed gum, by a lower incisor, in a five-year old sickly boy, after vaccination (sixth month),[12].—[**910.**] Tartar forms on the gum, so that the gum is painful to touch, and bleeds profusely, for several days (sixty-first day),[13].—Sensitiveness of the gums of the molars, at noon (ninth day),[53].—A momentary darting pain in the gums of the right upper jaw, during the siesta at 4.30 P.M. (tenth day),[32].—Sore sensation in the left lower gum when touched (after forty-eight hours),[11].—The gum is painful in spots, as if inflamed, with transient shooting pain through single teeth,[12].—A sore aching in the gum and a lower incisor, every evening,[12].—Sticking jerking through the gum of the last lower molar (after thirty-four hours),[11].—***Tongue.*** Tongue swollen, especially on the right side, he bites it easily, frequently recurring (ninth month),[12].—The tongue is thickened, though with white cracks on the margin, and the whole upper surface covered with numerous dark red, blunted papillæ towards the posterior portion,[12].—Ulcer on the left margin of the tongue, indurated, painfully sensitive to touch (twenty-second week),[13].—[**920.**] **A painful ulcer on the left margin of the tongue, afterwards on the right margin* (after six months),[13].—**Small white vesicles on the tongue, resembling miliary rash* (twentieth day); vesicles, which had almost vanished, reappeared with burning, especially after eating warm food. This was accompanied with painful compression in the region of both malleoli of the left foot, and slight *burning* during urination, the urine being redder than usual (twenty-fourth day),[20].—**A white blister on the side of the tongue, close to its root, which is painfully sore*,[1].—Tongue coated slimy,[12].—The tongue is covered with thick brown mucus,[12].—Tongue coated white, without thirst,[9].—Tongue somewhat furred, and half dry (twenty-fifth day); thickly-coated tongue (forty-sixth day),[76].—Tongue furred (thirty-seventh day),[46].—**Burning and redness of the tip of the tongue, which is frequently covered with sore points*,[12].—Sensation of falling asleep of the tongue when eating, with the same sensation constantly in the tips of all the fingers (fourteenth month),[12].—[**930.**] Dryness of the tongue (soon, thirteenth day),[46].—Tongue dry at the point (twenty-sixth day),[76].—***The tip of the tongue is painfully sore to touch*,[1].—Burning on the tongue (fourth day),[74].—**Tongue very sore* (fourth day),[70].—Prickling sensation on the tongue near the posterior part, soon,[13].—Raw, scraping sensation on the tongue, which is coated white; a longish white blister in front of the middle of the tongue, which is somewhat painful,[1].—Violent cutting in the tip of the tongue, and on its under surface,[81].—A pressing stitch, as from

a needle, gradually increasing in severity, beneath the right side of the tongue; at times aggravated by swallowing (after four hours),[5].—***General Mouth.*** Tetter in the mouth,[12].—[**940.**] Aphthæ in the mouth,[12].—Small white, superficial suppurating spots on the inner surface of the left cheek,[12].—Many blisters in the whole mouth, lasting a long time,[12].—**The inner mouth is very much affected, as if filled with blisters, or as if he had burnt his mouth,* with much thirst at night,[1].—Dryness of the mouth, lips, tongue, fauces, and nose,[12].—Feeling of dryness on the palate, without thirst (after eleven hours),[8].—Dryness of the back part of the mouth, with thirst, even in the morning,[1].—Dryness of the palate, with inclination to cough (fourth day),[46].—Dryness of the palate (twentieth day),[29]; (sixth day),[54].—Sensation of dryness in the mouth (second day),[45].—[**950.**] Great heat in the mouth, and everything pains, as if burnt,[12].—A pressure and feeling of heaviness in the curtain of the palate,[1].—*Feeling of soreness* about the hard *palate*, as if burnt and covered with vesicles (twenty-second day),[52].—Palate very sore (fourth day),[70].—Sticking from the right velum palati into the internal ear, at night (sixteenth day),[67].—***Saliva.*** Sudden salivation, a large quantity day and night, much clear saliva runs from the mouth, with disappearance of the toothache (seventh month),[12].—Increased secretion of sweet saliva (lasting five hours), (after five hours, third day),[68].—Spitting of much saliva, in the evening (fourth day),[70].—Increased secretion of saliva (fifth day),[70]; (in two hours, and ninth day),[71].—Great accumulation of mucus in the morning (eighteenth day); frequent spitting of saliva and mucus, with hollowness at the stomach and insipid taste (twenty-first day),[76].—[**960.**] Greatly increased secretion of saliva (of a metallic taste), lasting two hours, with swelling of the salivary glands (after one hour); renewed increase of saliva (of an acid taste), for two hours), (third and fourth days),[69].—A profuse secretion of insipid saliva in the night (seventh day),[31].—Accumulation of much saliva in the mouth, immediately (fifth and seventh days),[48].—Great flow of saliva into the mouth (ninth day),[20].—Saliva somewhat bloody,[1].—Streaks of blood in saliva (twenty-fourth day),[42].—***Taste.*** Bad taste,[12].—Taste insipid, with a sensation as if the stomach were disordered (sixth day),[32].—Insipid taste (eighteenth and twenty-first days),[76].—Insipid sweetish taste in the mouth several evenings,[1].—[**970.**] Pasty taste in the mouth, in the morning,[12].—Bad taste in the mouth, in the morning (twenty-second day),[76].—Taste insipid and acrid (forty-ninth day),[13].—Pasty, flat taste in the mouth, with a whitish yellow tongue, as after a fever (after twelve months),[13].—Sharp taste in the mouth, immediately after breakfast (fourth day),[74].—A very unpleasant sweetish-salt taste, especially in the back part of the mouth, and on the root of the tongue (thirty-seventh day); a bitter sharp salt taste in the mouth, particularly about the root of the tongue (forty-sixth and forty-seventh days); unpleasant taste in the mouth after eating ices (fifty-eighth day); unpleasant, resinous, constrictive taste (fifty-ninth day),[73].—Nauseous taste (eighth day),[46]; (fifth day),[48].—(Tobacco has a mouldy taste on smoking),[1].—Qualmish taste in the mouth after eating, for several days in succession,[1].—Food tastes as if salted too little,[1].—[**980.**] Taste of bad eggs in the mouth, in the morning fasting, with a very slimy coating of the tongue and teeth,[12].—Bloody taste in the mouth and some spitting of blood, from which he had never before suffered (after six months),[13].—Sweetish taste (twenty-fourth day),[42].—Slimy sweetish taste in the mouth, after eating,[1].—Sweet taste in the mouth, associated with a gonorrhœal discharge,[12].—Acid taste, with increased secretion of saliva,

at 6 P.M. (eighth day),[70].—Sour and bitter taste, with eructations,[12].—Sour taste in the mouth, always after eating, with a sour odor from the mouth,[12]. —Bread tastes bitter,[9].—Bitter, sour taste,[12].—[990.] Bitter taste, [12 47 76].—Bitter taste to the saliva (after two hours),[8].—Mouth tasted very bitter in the morning (nineteenth day),[76].—Taste so bitter that she was obliged to get up in the night and rinse out her mouth (nineteenth night),[76].—A bitter mucous taste in the mouth (sixteenth day),[76].—Food had a disagreeable bitter sharp after-taste, which was recognized, especially at the root of the tongue and in the fauces, at noon; even black coffee left behind an unpleasant after-taste (seventieth day),[72].—Dulness of taste (fifteenth day),[27]. —At noon he was unable to distinguish by the taste what sort of a soup he was eating (it was dark). Nor was he able to discern the vegetables by taste, and black coffee tasted like warm water without aroma (second day); dulness of the senses of taste and smell (seventh to thirteenth day),[24].—Dulness of taste (seventh day); in the afternoon (ninth day),[26].—***Speech.*** Stuttered very much when speaking (first and second day),[92].

Throat.—[1000.] Hawking up of mucus (thirty-third day),[75].—Hawking up of large lumps of a blackish-green color,[12].—Moderate expectoration of mucus from the throat by hawking and raising, after which the general condition is improved,[12].—Much mucus in the throat, which is very painful to raise,[12].—Hawking up of dark clotted blood from the throat, in the morning (fifth month, recurring in the eighth month),[12].—Streaks of blood in the mucus hawked up, frequently recurring at indefinite periods (sixth and seventh months),[12].—**Hawking of tenacious mucus, which is difficult to loosen* (forty-second day),[13].—Hawking of much watery mucus, in the morning (eighty-second day),[13].—Obliged to hawk for half an hour in the morning, in order to raise tenacious mucus from the throat (after twelve months),[13].—Frequent hawking, with the sensation as if the throat were sore, continuing three days (eighth day),[46].—[1010.] Frequent hawking, with cough (twelfth day); worse; the cough, with oppression of the chest (sixteenth day),[46].—Frequent hawking of mucus (fifteenth day),[27].—Frequent hawking and hacking (eighth day),[21].—Frequently obliged to hawk and throw off white, tough mucus (ninth night),[53].—While eating, much mucus in the throat, which she is obliged to hawk up, else she cannot swallow the food,[1].—Frequent hawking up of thick mucus, in the morning (thirty-seventh and sixty-fourth days),[73].—The mucus hawked up had an unpleasant, sharp, resinous taste (sixty-eighth day),[73].—Frequent hawking up of mucus (twenty-ninth, thirtieth, and thirty-first days); of a tough mucus (fortieth day),[52].—Blood-red mucus is hawked up from the fauces,[4].—A nauseating rancid vapor rises into the throat, recognized by the smell,[3].—[1020.] The throat becomes thick, the thyroid gland swells and becomes sensitive,[12].—Swelling of the whole right side of the throat and face, eye, right cheek, gum, and cervical gland, mostly beneath the ear, together with nosebleed and dry coryza on the right side,[12].—Swelling of the throat, for four days (after eleven days),[77].—Sensation of an internal swelling in the throat preventing swallowing, as from a growth, unusually distressing and constantly recurring, so that no clothing could be tolerated about the throat, and speech was difficult,[12].—The throat seems internally swollen, with stinging pains, making swallowing difficult,[12].—Sensation of choking in the throat amounting even to suffocation, obliging him to walk about at night, whereby it was somewhat relieved (twelfth month),[12].—Pain in the throat during deglutition,[38].—Pain in the throat, as if sore, hoarseness, and rough barking cough,[12].—Pains, as if the throat were swollen, with dark-red swelling

of the left tonsil, which is covered with a broad white superficial ulcer (fourth week),[12].—(Pain in the throat, always close to the larynx, with swelling of the glands, and bad taste that distinctly starts from the larynx when eating, talking, and hawking, with frequent expectoration of small offensive-smelling masses like millet seeds, for three weeks, then entirely disappearing and followed by steady improvement, in a tuberculous patient), (seventh month),[12].—[**1030.**] Sore throat, with hoarseness, and rough cough,[12].—A sensation in the right side of the throat as though it were about to inflame; during the whole day, stinging pains when swallowing, which disappeared again entirely in the subsequent night (after one hour, fifth day),[37].—A kind of sore pain on swallowing saliva, as if air penetrated a wound, in the whole palate, extending toward the left ear internally,[1].—Sore throat, like swelling from taking cold,[1].—Sore throat, with a feeling as if there were a constricted spot in it,[12].—Rawness in the throat, as from snuff,[1].—Rawness in the throat, as if the skin were denuded,[12].—Dryness in the throat (forty-first day),[44]; (eighth day),[54].—Frequent great dryness of the throat, as if it would stick together,[12].—A peculiar dryness up and down the throat, as from sand, with uprising heat and a bad odor from the mouth,[12].—[**1040.**] Feeling of dryness in the throat, with frequent hawking and spitting of a white tough mucus and confluence of much saliva into the mouth; the taste was injured by it, and the food tasted as if it had not salt enough,[55].—Feeling of dryness and sense of constriction in the throat; the same sensation that is perceived when one is for a long time exposed to the heat of the sun without drinking (twelfth day); in a slight degree (thirteenth day),[66].—Feeling of dryness in the throat, lasting two hours, soon (fourth day); lasting all day, immediately (fifteenth day); the whole evening (sixteenth day),[67].—*Throat dry and rough*, and some difficulty in swallowing (twelfth day),[72].—Dryness of the throat, and painful deglutition with the chill (sixth day),[78].—Scraping in the throat,[1 55 68]; (first day),[70].—Scraping in the throat and inclination to cough (third day); the scraping continued, with frequent cough (fifth day); scraping in the throat, compelling him to cough (thirteenth day); with cough (twenty-sixth day); with frequent cough (thirty-fourth day),[46].—Sensation of a hair in the throat,[12].—Sensation mostly like a plug in the throat, which he attempts to relieve by coughing,[12].—Sensation of roughness in the throat came on and lasted until afternoon (after one hour, eighth day); feeling of roughness on the tongue, hard palate, and in the throat (immediately, ninth day),[53].—[**1050.**] Scraping in the throat provoking dry cough (first night),[12].—Scraping and roughness in the throat (tenth day),[54].—Scraping in the throat after eating ices (fifty-eighth day),[73].—Feeling of roughness in the throat, lasting some hours (fourth day),[64].—Feeling of roughness in the throat, in the evening (tenth and eleventh days),[65].—Feeling of roughness in the throat, which soon went off; then for an hour, a feeling in the throat as if there were a painless tumor there (fifth day),[66].—A little roughness in the throat (thirteenth day),[72].—Roughness in the throat, with continual inclination to hawk, and with a deeper tone of the voice, in the morning, disappearing again after breakfast (fifty-eighth day),[72].—Roughness in the throat, in the morning (sixty-seventh day),[72].—Throat rough, scraping, as if it would become inflamed (after fourteen months),[13].—[**1060.**] Irritation of the throat causing a dry hacking cough (after thirteen months),[13].—An acrid sensation in the throat suddenly provoking cough,[12].—Burning, as from bitterness in the throat,[12].—Burning in the throat, obliging him to hawk (soon, thirty-eighth day),[73].—Cutting-burning pain in the throat close

to the larynx, with swelling of the glands of the right and left side, with stitches extending into the ear, and heavy swollen tongue preventing swallowing (fourth month),[12].—Pressure in the back part of the throat on swallowing,[1].—Pressure and sticking in the throat when laughing and talking,[12].—Scraping, pressure, and salt mucus in the throat,[12].—Pressure in the throat increases so that the trachea seems to become constantly narrower,[12].—Biting and bubbling in the throat, rising up from low down in the left side,[12].—[**1070.**] Sticking in the throat,[1].—Sticking in the pit of the throat,[79].—Sticking-tearing drawing in the throat, and a sore sensation, with heat in it when coughing (first day),[12].—Crawling in the throat preventing loud talking,[12].—***Uvula and Tonsils.*** The uvula seemed to be lengthened, in the afternoon (third day),[46].—The arch of the palate, uvula, tonsils, and fauces suddenly became inflamed and dark red, and covered with superficial white ulcers, especially on the uvula, from the tip of which a piece is lost, with the most profuse salivation, bad odor from the mouth, sleeplessness, and inability to swallow,[12].—Tonsils and inner throat swollen,[1].—Tonsils vividly reddened, in the afternoon (third day); red (nineteenth day),[46].—Slight swelling of the tonsils, painful and inducing frequent deglutition (twentieth day),[20].—***Fauces and Pharynx.*** Fauces dry (ninth night),[53].—[**1080.**] Violent thrustlike stitches in the right side of the fauces suddenly extending into the ear, with a sensation in the ear, on opening and closing the mouth, as if there were an opening in it through which the air could penetrate (after six hours and a half),[5].—Dryness of the pharynx (twenty-ninth, thirtieth, and thirty-first days),[52].—A slight pain in the right side of the pharynx, extending to the ear; swallowing somewhat impeded (ninth day); returned in the afternoon, with a feeling of dryness and increased thirst, and wholly vanished again in the evening (tenth day),[44].—***Swallowing.*** Inclination to swallow,[1].—Difficult swallowing without any apparent cause, in the throat (third day),[45].—Difficulty of swallowing, with gurgling and cracking in the throat,[12].—Sudden inability to swallow anything, as if the throat were paralyzed, without pain, swelling or redness, together with paroxysms of accumulation of saliva in the mouth, and a feeling of tightness in the throat (fourteenth month),[12].—Sensation as if he could not swallow on account of mucus, and as if the pharynx were contracted; after hawking, the throat feels raw,[1].—Painful swallowing (thirty-fifth day),[72].—***External Throat.*** Swelling of the cervical glands (after five hours, third day),[68]; at 6 P.M. (eighth day),[70].—[**1090.**] Swollen glands in the neck and groins,[12].—The parotid and neck seem swollen, with pulsation on stooping,[12].—Salivary glands very much swollen, much salivation,[1].—Pain in the (swollen) cervical glands so that he could not lie down at night,[1].

Stomach.—Appetite and Thirst. Great appetite (fifteenth day),[27].—Canine hunger, with thirst (seventeenth day),[28].—Dinner was devoured with a veritable canine appetite (twenty-second day),[73].—Hunger, with pain in the stomach,[12].—Ravenous hunger, in the evening (first day),[12].—Irresistible longing in the stomach to eat every hour, in the forenoon,[12].—[**1100.**] Very keen appetite,[12].—Great desire to eat, with loss of appetite and aversion to food,[12].—Ravenous hunger frequently repeated, even waking from sleep at night,[12].—Took my lunch about 12.30, which was earlier than usual, feeling hungry; about an hour after looked pale, with feeling of emptiness in the stomach, as if from want of food, which soon went off; after this, more tired than usual, at the Dispensary (eighth day),[30].—At about 10.30 A.M., while walking, he was attacked with such deadly hunger

that he came near fainting and was obliged, at a very unwonted time, to eat something in a neighboring tavern; this symptom was repeated in the evening of the same, and of the following day (fifty-sixth day),[44].—Does not feel satisfied after the usual meal,[12].—Appetite, but does not relish food, and after eating, weakness and anxiety, with palpitation,[1].—Moderate appetite at noon (twelfth day); uncommonly strong appetite which must be appeased, towards evening (thirty-fifth day),[72].—Appetite for only cold things,[13].—Great desire to smoke, which he had not experienced up to this time (thirty-sixth day),[13].—[**1110.**] The lost appetite for meat returns (after fourteen days),[12].—Longing for milk,[12].—Appetite decreased (twentieth and twenty-first days),[43]; (third day),[28].—* *Complete loss of appetite*,[42 47 56], etc.—Less appetite than usual for lunch, and eat very little; yet I did not feel unusually hungry at dinner-time (third day),[90].—Breakfast did not relish, and while at table, slight vomiturition (twentieth day); but little appetite at noon (thirty-first day),[73].—Want of appetite, especially in the evening (third day),[66].—Want of appetite, with great thirst and dryness of the mouth (sixth day); no appetite (thirty-fifth to thirty-seventh day),[46].—Loss of appetite, no relish for food,[4].—Constant aversion to all food, with never a sensation of hunger,[12].—[**1120.**] She has no desire to eat, yet everything eaten is relished,[12].—Tobacco-smoke is not as agreeable as at other times, in the evening (twenty-first day),[72].—No desire to smoke,[13].—Loss of desire to smoke; whenever he attempted it, he immediately had a desire for stool (after twelve months),[13].—Aversion to meat,[12]; (second and third days),[45].—Aversion to potatoes, of which hitherto she was especially fond,[12].—Aversion to milk,[12].—* *Increased thirst* (twenty-fourth day),[76].—Thirst for water (forty-ninth day),[12].—Great thirst on waking, in the morning (after twelve months),[13].—[**1130.**] Very thirsty after dinner (third, fourth, and eleventh days); great thirst and cold over the whole body, with drowsiness (twelfth day); thirst, with alternations of heat and cold, the latter especially in the dorsal and sacral region, with hot head and face during the day; coldness before midnight, warmth towards morning, perspiration finally (seventeenth day),[76].—Violent thirst (fortieth day),[52 54].—Very great and constant thirst, alternating with complete loss of desire to drink,[12].—Great thirst and dryness of the mouth, with the want of appetite (sixth day); much thirst in the afternoon (thirteenth day); much thirst (thirty-fifth day),[46].—Thirst, without heat, in the morning on rising,[11].—Violent thirst for cold drinks all day, without heat (after eight hours); thirst for cold drinks before dinner, and for some time afterwards (after ten and eleven hours),[8].—Little thirst,[80]. — ***Eructations.*** *Eructations*,[43 47], etc. — Perpetual eructations (twenty-ninth, thirtieth, and thirty-first days),[52 76 78 83].—Copious eructations of wind, for two days (after thirteen days),[75].—[**1140.**] Frequent eructations of wind, in the afternoon (thirty-first day),[75].—Ineffectual attempts to eructate,[12].—Slight eructations all day,[79].—Frequent eructations during the customary smoking (after seventeen hours),[8].—Frequent eructations, with nausea (immediately, tenth day),[53].—Frequent eructations of wind (one hour after second dose, second day),[68]; (eighteenth day),[76]. — Frequent eructations of wind, preceded each time by painful constriction of the stomach, in the forenoon (thirty-fourth day),[73].—Incessant eructations of air *while eating*,[12]. — Many eructations, with diarrhœa,[12]. — On drinking water, the last swallow returns through the nose, not when eating,[12].—[**1150.**] Increasing development of gas in the stomach and intestines, with almost incessant eructations, repeated in constantly renewed paroxysms, at times less, at times greater,[12].—Great uprisings of acidity from the stom-

ach,[12].—Eructations for several hours after each dose,[50].—Eructations and emission of flatus relieved the cramp in the stomach and chest, the anxiety, palpitation, cramps in the muscles, and the pains in the ulcers on the feet,[12]. —Empty eructations, after which he was obliged to lie down, the eyes closed, but he could not sleep, yawned a great deal; after half an hour he rose and felt very weak, and his legs felt beaten (fifty-fifth day),[12].—Very violent eructations, with heartburn and acidity in the stomach,[12].—Unusual violent and continued eructations of air from the distended stomach,[12].—Rancid eructations,[1].—Frequent eructations, as of rancid grease (twenty-eighth day); rancid eructations (thirty-second day),[20].—Frequent eructations (after two hours); continued rancid eructations (eighth day); rancid eructations for eight hours (thirteenth day),[21].—Eructations tasting of food during the customary smoking (after eight hours),[5].—[**1160.**] Frequent eructations of food, with the taste of the drug, the whole afternoon (after 900 drops),[61].—Eructations of the drug (twentieth day),[45].—Eructations, with taste of the remedy, immediately after every dose,[45]; (fourth day),[74]; in the forenoon (eighth day),[75].—Frequent eructations, with the taste of Thuja, after breakfast (thirty-first day),[72].—(Bitter eructations after eating),[1].—Eructations, with smell of Thuja (eighth day),[46]; (fortieth day),[52]. —Eructations of the drugs, for some hours (seventh day),[45].—Foul eructations, late in the evening (after twelve hours),[1].—Eructations, as of bad eggs,[12].—Sour eructations, in the morning,[12].—***Hiccough.*** [**1170.**] Hiccough soon after eating, then pressure in the pit of the stomach, followed by flatulence and eructations, as from a disordered stomach,[1].—Hiccough always after eating; also in paroxysms, lasting half an hour,[12].—***Heartburn.*** Heartburn (sixty-seventh day),[72].—Heartburn on stooping,[1].—Heartburn in the afternoon (twenty-fourth and thirty-second days); violent heartburn an hour after dinner, lasting two minutes, then lulling for several minutes, then returning, and so coming on in frequent accesses (fifty-second day); at 7 P.M. (sixty-third day),[73].—Heartburn and acidity in the mouth, frequently alternating with coolness of the throat and dryness there, and also on the tongue,[12].—***Nausea and Vomiting.*** Nausea (twentieth day),[45].—Nausea, with colic and diarrhœa,[12].—Nausea relieved by frequent eructations of gas and flatus, worse in the evening,[12].—Nausea daily, mostly in the evening after lying down, with accumulation of water in the mouth,[12]. —[**1180.**] Qualmish sensation in the stomach, with accumulation of water in the mouth and retching, in the morning fasting,[12].—Nausea mounting from the abdomen, with slight inclination to vomit (fourteenth day),[73].—Nausea, with vomiturition and accumulation of saliva in the mouth (immediately, thirty-fifth day),[48].—Nauseated and disposed to vomit (after each dose),[38].—Nausea on taking the drug; this nausea was excited even by the mere sight of the medicine (sixth to tenth day),[37].—Nausea and vomiting, and after some vomiting, repeated shaking chill, with heaviness of the upper and lower extremities, and tearing in the occiput,[2].—Nausea and qualmishness in the epigastric region (after half an hour),[5].—Nausea and frequent vomiting of sourish-tasting liquid and food (after three hours),[2].—After the customary smoke, qualmishness, with outbreak of perspiration over the whole body, without thirst; after a stool, the nausea and perspiration disappeared (after twenty hours),[5].—Qualmishness through the whole night, retching of only mucus,[1].—[**1190.**] Great nausea, with accelerated pulse, at 10 A.M. (twentieth day); feeling of qualmishness in the pit of the stomach (ninety-third day); feeling of qualmishness (one hundred and first day),[43].—While walking in the open air he became nauseated and felt

anxious and dizzy; he became hot in the face, with anxious perspiration; could scarcely get his breath; the feet seemed so heavy that he staggered (lasting an hour), (after twenty hours),[1].—Dinner nauseated him (ninth day),[66].—(Everything which she eats causes nausea),[1].—Desire to vomit (ninety-third day),[43].—Inclination to vomit, in the morning in bed, obliging him to rise,[12].—Inclination to vomit in the region of the clavicle without amounting thereto, and ending with uprising of salt-water,[12].—After coughing, inclination to vomit, and vomiting of sour mucus (after six months),[13].—Retching of bitter water,[12].—Vomiturition, with the chill (sixth day),[78].—[**1200.**] Vomiting of mucus without food,[12].—Vomiting at night preceded by great anxiety and uneasiness,[12].—***Stomach.*** Swelling in the region of the stomach diminished by emissions of flatus (thirty-first day),[46]. —Pit of the stomach constantly swollen,[12].—Loud rumbling in the stomach,[12].—Very persistent accumulation of air without distension of the stomach and intestines, which rises into the chest to the heart, and is there seated, and then moves up and down in the abdomen, with constant aching in the lower abdomen deep internally below the navel, as if everything were swollen, and yet the abdomen feels soft, together with loss of appetite, coated tongue, and pressure in the stomach, worse when lying upon the back, better on the left side,[12].—The stomach is unable to digest, with eructations tasting of the food, lasting always a long time after eating, causing slight heavy headache, at times also hard beating of the heart and oppression of the chest,[12].—Uneasiness in the region of the stomach, with eructations of the drug (thirty-fourth day),[46].—Uneasiness in the stomach (fifteenth day),[26]; (twenty-sixth day),[47].—Disagreeable sensation in the stomach continued all day (sixth day),[32].—[**1210.**] Occasional sensation in the right epigastric region, as of something alive moving there (eleventh day),[32].—Felt as if his stomach were deranged, with pressure over the scrobiculus, which impeded respiration (after one hour, ninth day),[31].—An uneasy feeling in the pit of the stomach; at night two paroxysms of colic, with soft stool, anxiety, and spasmodic drawing in the right lower extremity,[12].—The swollen feeling in the pit of the stomach diminishes,[12].—Faintness in the stomach,[12].—Weakness of the stomach, pressure and heaviness in it after the least food, aggravated by every motion after eating,[12].—Weakness in the stomach, with accumulation of saliva in the mouth, after breakfast (fifty-eighth day),[73].—Discomfort in the stomach, as if internally soft and thick,[12].—Hollowness at the stomach, with the frequent spitting (twenty-first day),[76].—Pain in the stomach, with nausea and vomiturition, in the night for an hour (sixth day),[75].—[**1220.**] Stomachache in the forenoon (thirty-second and thirty-third days),[75].—Region of stomach very sensitive, even to the least pressure, especially in the evening (one hundred and second day),[43].—Spasmodic pain in the epigastric region,[1].—Painfulness of the pit of the stomach immediately after eating, so that he cannot bear the hand upon it,[1].—Pain in the pit of the stomach after eating, on moving the body, and on feeling of the epigastric region (after eleven days),[1].—Pain in the stomach (fifty-seventh day),[73].—Constant acute aching in the pit of the stomach,[12].—Sensation of soreness in the scrobiculus cordis (first day),[87].—Aching in the epigastrium, toward the right hypochondrium, for half an hour (more in rest than when walking), in the morning (tenth day),[31].—Warm feeling in the region of the stomach (one hundredth day),[43]. —[**1230.**] Sensation of increased warmth in the stomach and the whole body (fortieth day),[52].—Burning and griping in the stomach, which is painful on pressure, with frequent yawning and tickling in the throat, which

provokes cough (sixth month),[12].—Burning tensive pressure in and about the pit of the stomach, mostly toward the right and upper part (first day),[12]. —Burning rising up from the stomach into the throat, with eructations and pressive pain in the stomach and back,[12].—Sensation of pressure upon the distended stomach, upon the large bloodvessels on falling asleep; he was suddenly attacked with great weakness, the thoughts vanished, and consciousness in part disappeared, followed by ravenous hunger; similar attacks recurred at times, usually right after a very large dinner,[12].—Slight burning in the stomach, in the forenoon (sixteenth day); burning and pressing in the stomach, lasting several hours, in the afternoon (forty-third day); severe from 4 to 6 P.M. (sixty-first day); burning in the stomach for an hour, in the forenoon (sixty-second day); pressing and burning in the stomach for an hour, in the forenoon (sixty-fourth day); increased by movement and by speaking (seventy-second day),[72].—Pressing and burning in the stomach for an hour, in the afternoon (eighth day); slight (tenth day); violent burning in the stomach, in the morning (twenty-fourth day); burning and pressing in the stomach, in the forenoon (thirty-first day); burning in the stomach (thirty-first day); pressing and burning in the stomach two hours after dinner (thirty-sixth day); for a quarter of an hour, at 10 A.M. (thirty-seventh day); burning in the stomach after dinner, lasting till evening, and again in the night (fortieth day); pressing and burning, with occasional painful constriction of the stomach, after supper (forty-sixth day); slight burning in the stomach, in the evening (fifty-third day); burning and pressing in the stomach (for an hour), in the afternoon (fifty-fifth day); slight burning in the stomach, at 10 A.M. (fifty-eighth day); after dinner (sixty-sixth day),[73].—Burning in the stomach, with eructations with the taste of the drug during the whole forenoon; again at dinner, which was eaten with appetite, lasting an hour (seventieth day); pressing and burning in the stomach, in the evening on eating fish (seventieth day); burning in the stomach for half an hour (seventy-second day); burning in the stomach (seventy-third day),[73].—Burning and pressing in the stomach, in the afternoon, lasting an hour (first day); burning in the stomach for an hour, in the evening (second and fifth days),[74].—Gnawing-stinging pain in the stomach (coming on in bed and going off after rising), (seventh to thirteenth day),[24].—Pressure at the stomach, caused by every meal (eighty-fourth day),[12].—[**1240.**] Pressure in the pit of the stomach, at night (thirty-first day),[43].—Slight pressure in the pit of the stomach and in the chest, impeding respiration (after a quarter of an hour),[33].—Pressing in the stomach, in the forenoon (second day); extending through the throat into the fauces (thirty-first day),[75].—Pressure in the pit of the stomach immediately after eating,[1].—Pressure on the right side near the pit of the stomach, as from a foreign body, with frequent stitches, worse in the morning,[79].—Pressure in the stomach was occasioned by roast meat eaten in the evening (fifty-second day),[73].—Pressure in the pit of the stomach,[12]. —Very acute pressive pain in the stomach, as if it were compressed with the hand, together with a heavy distressing pressure on the chest, obliging to take a deep breath, and with a sour burning taste in the mouth,[12].—Boring pressure above the pit of the stomach (after forty hours),[11].—Pressure as from a stone in the stomach,[12].—[**1250.**] After eating, the pressure and fulness of the stomach are worse; also the difficulty of breathing and anxiety, the disinclination to talk, loss of ideas, and cough,[12].—Constant gnawing in the stomach,[12].—Distressing gnawing in the stomach during a sleepless night, which immediately compels her to eat something against

her will,[12].—Pressive gnawing in the stomach, with choking and pressure up into the throat even, lasting all day (third month),[12].—Distressing oppressed feeling in the pit of the stomach, with trembling in it, as if blood rushed into it,[12].—Constrictive cramp in the stomach, with distension of the pit of the stomach,[12].—Momentary constrictive cramp, extending from the pit of the stomach up under the arm,[12].—Constrictive pain in the stomach, extending towards the navel, with diarrhœa of yellow water, with undigested food, five times (fourth day),[14].—Constriction in the epigastric region, at night, with vomiting without nausea, wherewith only air and water came up,[12].—Cramp in the stomach, which increases excessively towards evening,[1].—[**1260.**] A momentary starting in the epigastric region, in the direction of the left hypochondrium, as of something alive, while lying in bed (after one hour and a half, second day),[31].—Apprehension in the pit of the stomach, which mounts to the head and back again, with qualmishness,[1].—Whirling in the stomach, with vertigo, followed by vomiting (eighth week),[12].—Throbbing pressure in the pit of the stomach and about the navel, followed by a sensation of weakness in the whole abdomen,[12].—Cutting in the epigastrium from the spine outward (fourth day),[84].—Cutting pain on the left side, near the pit of the stomach,[80].—Tearing in the pit of the stomach on bending the body to the right side,[80].—Often feels like a sudden jerking in the pit of the stomach,[12].—Pinching pain in the stomach, in the forenoon (seventh day),[24].—Frequent pinching in the epigastric region during dinner,[5].—[**1270.**] Stitches in the pit of the stomach,[79 81].—Stitches from the spine through the epigastric region, forward to the pit of the stomach,[79].—Sticking on the left side, near the scrobiculus, from within outwards (first day),[84].—Several dull stitches near the scrobiculus on the left side (fifth day),[84].—A fine painless throbbing, like a beating of an artery, in the middle of the pit of the stomach (after three-quarters of an hour),[5].—Pulsation in the pit of the stomach,[12].—A distressing beating and throbbing in the pit of the stomach, causing anxiety (ninth month),[12].

Abdomen.—Hypochondria. The liver is swollen and very sensitive; with especially disagreeable spasmodic drawing back and forth, which extends into the abdomen, and affects the stomach, with frequent attacks of nausea and vertigo, during which the loosest clothing seems too tight (third week),[12].—Fulness, tension, pressure, and sticking in the liver,[12].—Tight pressure and fulness in the hepatic region, and in the pit of the stomach, so that stooping is difficult, with burning on the forepart of the tongue, and in the œsophagus, with rawness and with dry sticky lips, without thirst (twelfth week),[12].—[**1280.**] Great soreness, as if bruised, deep in the middle of the liver, sometimes of longer, sometimes of shorter duration, and recurring,[12].—Pressive pain in the right hypochondrium (thirty-ninth day),[16].—Pressure as from a stone on the lower portion of the liver while walking (after half an hour),[3].—(Burning, especially in the hepatic region),[1].—A cutting in the side above the liver on inspiration, while walking, disappearing on pressure, and on standing still,[3].—Drawing-sticking pains in the liver,[80].—Sticking pain in the liver, when walking,[80].—Sticking in the right hypochondrium (especially during respiration), in the evening (fifteenth day),[76].—Stitches in the region of the liver, when sitting (second day),[24].—Single deep stitches in the right and left hypochondria (seventh to thirteenth day),[24].—[**1290.**] **A fixed idea of a living animal in her abdomen;* she hears it cry in the region of the spleen, as with a hoarse voice, and in the right side, between the ovary and liver, with a fine voice; wherewith at the same time a feeling of crawling, as from

something alive moving about, in the second month, lasting a long time,[12]. —Pressive, tensive, crawling, sore sensation, mingled with transient stitches in the swollen spleen, relieved after the appearance of a violent catarrh, since the fourth week,[12].—Soreness, with tensive heaviness in the spleen,[12]. —Jerking in the left hypochondrium, towards the epigastrium (fourth day),[22].—Transient stitches in the spleen, with a very pale look,[12].—Sticking in the region of the spleen at determinate times, but particularly during dinner and supper (at intervals of four days),[81].—Sticking and burning pain in the spleen, extending into the back at the scapula,[12].—Violent sticking in the region of the spleen during a meal,[80].—Sticking in the region of the spleen, twice in succession, with consequent soreness there (first day),[86].—Sticking in the splenic region (third day),[84].—[**1300.**] A piercing stitch in the left hypochondrium, after dinner, while sitting (first day),[24].—A few deep stitches in the left hypochondrium, in the forenoon (sixth day),[24].—***Umbilicus and Sides.*** Feeling of soreness in and about the navel,[12].—Griping above the navel (soon, second day),[68]; (third and fourth days),[69]; (first and fifth days),[70].—Transient griping about the navel (within two hours),[71].—Slight griping above the navel, soon; the griping drew from the umbilical region towards the right groin, and occasioned there flying, often-returning pressing (after one hour); disappeared in the open air (after two hours),[68].—Constriction about the navel, soon disappearing (soon, seventy-first day),[72].—Slight searching and griping about the navel at 2 P.M. (thirty-fifth day),[73].—Twisting sensation in the umbilical region, with needle-like stitches and burning in the abdomen,[12]. —Cutting pain above the navel, transversely through the abdomen, as in diarrhœa; in the evening, lasting two hours after the stool (sixty-sixth day),[13].—[**1310.**] Cutting above the navel, extending into the sacral region (twelfth day),[75].—Pain in the left abdominal muscles, as though a hook were drawn upward in them, a clawing from below upward,[11].—Painful pressure in the right abdominal region, which disappeared on pressure with the hand, but became sensible again (during the whole day) on taking a deep inspiration, or on forcibly expiring,[80].—Pressive fulness in the right side of the abdomen, in the lumbar region, which makes breathing difficult, while lying in bed about 2 or 3 A.M.,[1].—Without the slightest cause, cutting and griping in the left side of the abdomen (second day),[57].—Cutting pain deep in the left side of the abdomen,[80].—Pinching in the left side of the abdomen (after two hours and a half),[8].—Stitches in the left side of the abdomen which rendered walking difficult (after fourteen hours),[8]. —Many stitches in the right side of the abdomen while lying on the same side, disappearing on pressure, and returning on walking in the open air,[80]. —***General Abdomen.*** **Abdomen large*,[1].—[**1320.**] Distension of the abdomen, with violent pressure towards the groins, and burning in the latter, together with pressure in the right side, and in the nape of the neck,[12].—Constant distension of the whole abdomen, like a drum,[12].—After dinner the abdomen seems puffed up like a drum, the clothes are too tight, so that he is obliged to loosen them, aggravated by smoking (eighty-second day),[13].—Distension of the abdomen, with a feeling as if it would fall down or out,[12].—**The abdomen becomes very large after eating*,[1].—So inflated that she could not bear the strings about her body, after dinner (third and fourth days),[76].—Abdomen very much inflated (twenty-fourth day),[76].—Swelling of the abdomen, after dinner (twenty-third day); strong inflation of the abdomen, after dinner (twenty-sixth day); extraordinary distension of the abdomen, which seriously embarrassed the respiration, after

dinner (twenty-ninth day),[72].—**Distension of the abdomen by flatulence* (after two hours),[73].—Inflation of the abdomen (fifteenth day); great inflation of the abdomen in the afternoon (thirty-first day); after dinner (forty-second day); (for an hour), and a couple of gripes in the intestines, after dinner (sixty-eighth day),[73].—[**1330.**] Distension of the abdomen (nineteenth and sixty-fourth days),[43].—Inflation of the abdomen for an hour, which disappeared by eructations (after nine hours),[68].—Painful retraction of the abdomen between the pit of the stomach and the navel, extending around to the back, in frequent attacks, *though without trouble in breathing*, in one hitherto suffering from asthma (ninth month),[12].—Unusually offensive flatus, with a bad taste in the mouth, and very offensive urine,[12].—Remarkably increased flatulence,[12].—*Emission of flatus without noise* (after half an hour),[5]. —Frequent emission of flatus, which had not much smell (eleventh day),[23]. —Shifting of flatulence with constipation (twenty-sixth day),[46].—Emission of flatus (fourteenth day); copious (twenty-fifth day); in the evening and night (thirty-seventh day); the whole day (thirty-eighth day); an excessive quantity, day and night (thirty-ninth day); a considerable quantity upwards and downward, during a walk (sixty-ninth to seventy-sixth day); emission of flatus (after one hundred and one days),[43].—Much flatus discharged at night (thirty-first day); frequent discharges of flatus, which were always accompanied by some moisture (thirty-fifth day); discharge of copious, inodorous flatus, and a hard unsatisfactory stool, in the morning (sixty-third day); copious inodorous flatus (sixty-ninth day),[72]. —[**1340.**] Discharge of much loud inodorous flatus (fifty-first day); emission of flatus both upward and downward immediately (fifty-eighth day); evacuation of much flatus (immediately, sixty-eighth day); discharge of flatus upwards and downwards (seventieth day); discharge of flatus (seventy-third day),[73].—Frequent borborygmus (sixteenth day),[76].—Flatulence at night (twenty-third day); discharge of much flatus during the night (twentieth day),[48].—Much flatulence was discharged towards morning (ninth night),[53].—Excessive flatulent troubles immediately after eating, the abdomen is greatly distended, with needle-like stitches, pressure and dragging, with emission of a little flatus,[4].—**Rumbling in the abdomen*,[1]; (thirteenth day),[32].—**Audible rumbling in the abdomen* (after one hour),[6].—Rumbling in the right side of the abdomen, after a stool (after ten hours),[5].—Very much and loudly rumbling flatulence in the abdomen constantly,[12]. —**Croaking and grumbling in the abdomen*, followed by a cold sensation in it,[12].—[**1350.**] Frequent rumbling in the abdomen, with constipation,[12].— Excessive rumbling in the abdomen (first day),[83].—Rolling and rumbling in the intestines (immediately after a dose, sixty-fifth day); rumbling in the intestines, with a slight griping (after half an hour, sixty-sixth day),[72]. —Grumbling and rumbling in the intestines, in the night (forty-first day); rumbling and slight griping in the intestines (twelfth day),[73].—**Rumbling in the abdomen, with emission of flatus*, in the afternoon (second day),[46].— Constant gurgling in the bowels (tenth day); sticking, gurgling, rumbling, and shifting of flatus in the abdomen, in the afternoon and evening (sixty-ninth to seventy-sixth day); constant rumbling and shifting of flatulence in the abdomen, accompanied with shooting stitches in all parts of the body (eighty-first and eighty-second days),[43].—Great heaviness of the abdomen, with violent pain in the small of the back,[12].—Constant heaviness with pressure and distension of the abdomen,[12].—An old steatoma in the middle of the abdomen becomes very sensitive to pressure in paroxysms, every twenty-four hours, and in spots drawing up into lumps (fourteenth

month),[12].—Pain in the abdominal muscles, as from a strain, on bending backward,[1].—[**1360.**] The whole abdomen, from the chest to the groin, is painful to touch, as if sore,[12].—Sensation of soreness in the abdomen,[12].—She cannot endure any pressure, or any weight about the waist,[12].—**Tension in the abdomen* (after third day),[1].—Tension in the abdomen, as if the intestines were constricted in the umbilical region,[7].—Spasmodic dragging in the abdomen, extending into the lower extremities, gradually becoming violent, and associated with asthmatic wheezing, with dulness of the head (sixth week),[12].—Griping in the intestines (forty-sixth day),[73].—Slight griping in the intestines, with a feeling as though they were pinched with the fingers in a circumscribed spot, now here, now there (sixty-eighth day),[73].—Griping and emission of much flatus in the evening (fortieth day),[49].†—Sudden bounding up in the abdomen, accompanied with starting of the whole upper part of the body, as if from fright, during the siesta at 5 P.M. (fifth day),[31].—[**1370.**] Colic, with a feeling as if both sides of the abdomen were falling in and were empty internally, with distension of the rest of the abdomen,[12].—Flatulent colic, frequently recurring,[12].—Violent cutting colic at night, with five moderate fecal evacuations (sixth month),[12].—Intolerable, cutting colic suddenly in the night, with diarrhœa ten times, always with the evacuation of only a trifle of gray mucus, with much straining; therewith she felt very cold, and could not get warm (third month),[12].—Colic, with diarrhœa at times (fiftieth day),[14].—Slight transient colic, when walking in the open air, in the forenoon (twenty-ninth day),[73].—Exceedingly violent colic, and transient cutting and rumbling in the intestines, after breakfast (nineteenth day); a return, but less violent (twentieth day); very severe, but very transitory colicky pains came on suddenly during dinner (twenty-first day),[75].—Colic in the evening (eleventh day); with two fluid evacuations (twelfth day); slight colic. with borborygmus and inflation of the abdomen, in the afternoon (eighteenth day); slight colic in the night (twenty-fifth day),[76].—Colic towards noon (first day); colic became exceedingly painful, it diminished gradually after a copious evacuation (third day); colic less (fourth, fifth, and sixth days); colic increased (seventh and eighth days); slight colic (ninth day); colic increased (eleventh, twelfth, and thirteenth days); after the lapse of two hours the colic became so violent, that he was scarcely able to stand straight, and had to sit with his trunk bent forward; these pains lasted upwards of an hour, and diminished after a copious evacuation, accompanied with emission of a quantity of flatus; in the evening the pains became again more severe, without, however, reaching the former degree of violence (fourteenth day); colic abated (fifteenth day); slight colic (sixteenth and seventeenth days); colic considerably increased (eighteenth day); the colic kept increasing and disturbed even his sleep; it was accompanied with distension of the abdomen and constipation (nineteenth day); colic increased until noon, but abated towards evening (twentieth day); colic slight (twenty-first day); colic and diarrhœa (twenty-fourth day); colic became so violent that he was scarcely able to stand straight at noon; while driving home the colic, which was now accompanied with headache and chilliness, became almost intolerable; after it had lasted almost an hour, it abated somewhat, after a copious liquid evacuation, which was accompanied with copious emission of flatus; it increased again

† The colic which Thuja causes seems to result from the distension of the intestines by gas.

towards evening (twenty-fifth day); colic, which increased from morning until noon, intermitted after dinner, but reappeared in the evening, and continued until midnight; this was accompanied with *sensation of pressure in the hypogastric region* (twenty-fifth to thirty-first day); some colic (thirty-ninth to sixty-fourth day); at noon slight colic; in the evening suddenly felt a violent pain in the whole abdomen, as if all the bowels were pulled towards a point behind the umbilicus; this was accompanied with distension of the abdomen, headache, and accelerated pulse; this colic lasted six hours, and abated gradually after liquid evacuations, accompanied by an emission of large amount of flatulence (sixty-fourth day); colic continued until evening (sixty-fifth day); colic every day, noon and evening, which increased from day to day; the colic abated considerably on the emission, during a walk, of a considerable quantity of flatus, and after a copious liquid evacuation at noon (sixty-ninth to seventy-sixth day),[43].—Symptoms of colic, accompanied by emission of flatus (sixth day),[31].—[**1380.**] Slight colicky pain in the small intestines (third day),[24]. —The waist feels constricted, as if by an iron band, with painful heaviness in the liver, extending up to the right shoulder,[12].—Constriction in the intestines,[12].—A pressing compression transversely across the abdomen, apparently externally (after three-quarters of an hour),[8]. — Constrictive cramp in the upper abdomen,[1].—A sensation in the abdomen, as if a child's knee were pushed against the anterior abdominal walls from within, in the morning (second day),[33].—Abdomen incommoded by a supper which was eaten with a hearty appetite (tenth day),[73].—(Burning in the abdomen, still more in the chest, hypochondria, and pit of the stomach, all of which parts are externally hot),[1].—Burning in the intestines, with diarrhœa,[12].—Tearing from below upward in the abdomen, commencing in the right groin, paroxysmally (after seven days),[1].—[**1390.**] Very acute tearing-asunder pains, extending from above downward in the intestines, with a sore distended abdomen, the evacuation of many ascarides in masses and with green slimy diarrhœa for four days and five nights, followed by great relief of the general condition and improved appetite, in a sickly young man, who had formerly never had any symptoms of ascarides,[12].—Occasional shooting stitches in the abdomen (sixty-fifth day),[43].—A tapeworm in the abdomen begins to be very uneasy, and pieces are passed (sixth week),[12].—***Sensation of something alive in the abdomen** (till forty-sixth day),[33].—***Hypogastrium and Iliac Regions.*** Distension of the lower abdomen, with constrictive pains, like cramps,[1].—Swelling in the region of the hypogastrium, with frequent urgency to urinate,[58]. — The hypogastrium appeared the whole time somewhat inflated and sensitive to pressure, and even to the jar of the foot on the ground,[58].—***Movement, as of something living in the lower abdomen, like a pushing of the abdominal muscles by the arm of a child, without pain,**[1].—At 7 P.M., coliclike pain in the hypogastrium, and movings in the bowels, as if preceding a diarrhœa, which came on very violently at 8.30, with severe pain in the abdomen; the pains then remitted, but the hypogastrium remained tender for several hours (ninth day),[53].—Painful constriction in the hypogastrium (eighth day),[70].—[**1400.**] Pressure in the lower abdomen, especially towards the sides, as from flatus previous to a stool (after nine days),[11].— In the hypogastrium, a sensation of pressure, especially, directly above the symphysis pubis (second to sixth day),[43].—Pressing feeling in the pelvis on the right side, near the linea alba, as if from a foreign body (first day),[83]. —Tension in the lower abdomen, as if too tightly bound (after twelve

hours),[1].—Painful tension in the hypogastric region, with occasional sticking pains, aggravated by deep inspiration (in the forenoon, with an empty stomach),[80].—Troublesome drawing in the left side of the hypogastrium (for two months), which spot was also painful to the touch (sixth day); drawing in the hypogastrium on the left side, and tenderness on pressure, about 10 A.M. (seventh day); drawing and pressing in the hypogastrium, on the left side, particularly when touching it, at 10 A.M. (eighth day),[65]. —Sticking pain in the pelvic region, on the right side, near the linea alba (third day),[84].—*Cutting pain in the lower abdomen* (after half an hour, and nine hours),[10].—Swelling of the groin, painless while walking, and on touch,[1].—**Inguinal glands perceptibly swollen* (fifth day),[78].—[**1410.**] The right inguinal glands become swollen, painful, sore to touch (after six months),[13].—Discharge from the groins like lamp oil,[12].—(An old indurated inguinal gland disappears),[12].—Constant soreness of the groins,[12].—Pain in the left groin, as if the suppressed menses would come on, but they do not, instead there is a slimy, brown liquid, mixed with a bloody discharge from the anus,[12].—Sensation of great fatigue in the groins (third day),[78].—A feeling over the crest of the right ilium, on touching, as if it had been bruised (second day),[73].—Increased trouble and sensitiveness of an old inguinal hernia, with a free evacuation from the bowels,[12].—Colicky pain in the right iliac region, for a few minutes, while walking in the room (after nine hours and a half, thirteenth day),[32].—Pressure inward in the right groin (after four hours),[3].—[**1420.**] Drawing and distended tension in the right groin, as if a hernia would protrude (in one who suffers from hernia on the left side),[12].—Drawing pain from the inguinal glands through the thighs to the knees, worse when going to sleep, with subsequent heaviness of the limbs,[1].—Drawing pain in the groin on standing and walking, but not while sitting,[1].—Drawing pain in the region of the groins, extending into the glans penis (fifth day),[78].—Drawing in the right groin (eighth day),[70].—Drawing in the left groin at noon (seventy-sixth day),[72].—Drawing from the crest of the right iliac bone to the upper part of the thigh (third day),[56].—Cutting in the right iliac region,[82].—Boring from without inward, in the region of the right iliac bone,[80].—**A sudden starting bounding sensation in the right iliac region, as from something alive* (fourth day),[31]. —[**1430.**] Sticking in the left iliac region, lasting all day (second day),[68].—Sticking pain in the groin, with a tensive forcing outward, and a sensation as of swelling, especially while sitting (fourteenth day),[12].—Stitches from the groins down through the thighs, only when sitting down, not when standing and walking,[1].—Stitches in the region of the groin, often repeated during the day, with a feeling as if the inguinal glands were swollen (second day),[70].—*Stitches in the inguinal glands* (ninth day),[71].—Sticking pains in the glands of the groins (after seven hours),[69].—Single stitches were repeatedly felt in the right groin, and between the sacrum and anus (after two hours),[68].—Dull, sticking pains in the right inguinal region when coughing,[80].—A few deep stitches in the right groin, while walking in the street, in the forenoon (fourth day),[25].—Throbbing sticking pain in the right groin (after one hour),[10].—[**1440.**] Sensation of formication in the groins and over the whole abdomen, with increased leucorrhœa,[12].

Rectum and Anus.—Rectum. An old rectal fistula becomes aggravated during the first days, with an increased painful soreness and itching in the anus and a more profuse suppuration, till after four weeks a violent catarrh breaks out, with very great febrile coldness, dry heat, and delirium, perspiration in the morning, and sour taste in the mouth. With

this fever the trouble in the rectum disappears. The fever continues five days, obliging him to lie down, with a fatiguing drawing pain, extending from the forehead on the right side down over the cheeks into the cervical muscles and around the shoulder, with constipation, and at last ending with diarrhœa for several days, followed by improved health, while the copious fluent catarrh frequently recurs, often for several hours, suddenly coming and going. In the tenth month there appears close to the anus a superficial, white, suppurating spot, as large as a penny, together with a similar one on the inner surface of the lower lip, which slowly healed, after which the health was more and more established,[12].—(A fistula in the rectum gradually became smaller in the second week and healed, but in the third week it swelled about the fistula, became painful, and broke out again),[14].—(The fistula is swollen, painful, and inflamed, with burning and sticking in it), (fifty-second day),[14].—Frequent prolapsus of the rectum, becoming larger or smaller and difficult to reduce,[12].—The rectum and urinary bladder seem paralyzed,[12].—During stool, violent pain in the rectum, so that she was obliged to desist,[1].—Boring from within outward, as from a worm, in the rectum after an evacuation,[82].—Internal irritation in the rectum after ineffectual straining at stool, with evacuation of only some dark-red blood, with a distressing jerking sensation like an ineffectual straining at stool,[12].—A peculiar sensation in the anus as if the blood were moving back and forth in the vessels, with a sensation as of a cord extending from the anus through the lower extremity to the heel were made tense, associated with an asleep sensation, first in one foot, then in both,[12].—[1450] Painful constriction and tearing, jerklike, in the rectum and anus, as if in the intestines,[1].—Cutting jerking and twitching in the rectum before a stool,[12].—Cutting pains in the rectum,[80].—Burning sticking corroding pain in the rectum follows a bloody diarrhœa, and makes sitting difficult,[12].—Burning sticking in the rectum when not at stool,[1].—Dull stitches in the rectum upwards (fourth day),[84].—Occasional flying stitches in the rectum (twenty-first day),[48].—A frightful stitch extending from the rectum into the urethra beneath the frænum,[1].—Itching in the rectum after stool,[82].—A sensation in the rectum as if a bubble had formed in it,[12].—***Anus.*** [1460.] Anus swollen in nodes, with sticking during stool, which is followed by burning, worse while sitting, obliging to stand,[12].—Creeping of many threadworms from the anus when not at stool (third month),[12].—Many threadworms crawl from the anus without a stool, with burning-sticking pain in the stomach, with constant spitting of saliva (fourth month),[12].—**A growth, like a condyloma, a quarter of an inch in height and as thick as a large pea, painless, itching, opening at the top, and suppurating on the ridge, close to the anus, lasted four weeks and gradually healed,*[12].—Several moist swellings, as large as beans, in the anus, with soreness,[12].—(Red painless pimples in the anus, like figwarts),[1].—A smeary-like brown moisture runs from the anus for a long time,[12].—(The offensive moisture from the anus, causing soreness, gradually disappears),[12].—Dampness at the anus (twenty-fourth day),[47].—Discharge of bloody slime from the anus, as well by day as at night (thirty-fifth day),[72].—[1470.] *A stool at 6 P.M., with subsequent burning in the anus, and shortly after a reiterated discharge of mucus, *attended with very violent stitches in the rectum, in the direction of a line from the anus to the sacrum;* as the stitches ceased, the itching and burning returned, and lasted until 10 o'clock (fifth day),[48].—Protrusion of the hæmorrhoidal vessels, with sticking in them, while walking in the afternoon (second day),[22].—Swelling of the hæmorrhoidal veins

(fifteenth day),[27].—Swelling of the hæmorrhoidal veins, with urging to stool; itching and burning in the anus (second day),[48].—(The hæmorrhoidal troubles seem to be aggravated, protrude after a stool, and cannot be reduced except by great pressure),[19].—Very painful hæmorrhoids, which open and discharge blood; during the menses the bleeding stopped, but returned afterwards (after ten months),[14].—**The anus became as sensitive after a slimy discharge as though the skin were cracked and chopped there* (seventh day),[49].—**Feeling of soreness at the anus*, in the morning (twenty-second day),[73].—Soreness of the anus, so that walking was difficult,[12].—**The hæmorrhoids are painful to the slightest touch*,[1].—[**1480.**] Pressing sensation in the *turgid hæmorrhoidal veins* (sixteenth day),[27].—**Pressing and burning in the hæmorrhoidal vessels*, in the evening (seventh day); pressing in the hæmorrhoidal vein when seated (thirty-fifth day); slight pressure in the hæmorrhoidal vein (fifty-second day),[72].—Pressure in the hæmorrhoidal vessels when sitting, in the evening (twenty-second day); pressure (fortieth day); violent pressure, at 11 A.M. (forty-third day); transitory pressure (forty-sixth day),[73].—Pressing in the hæmorrhoidal vessels (second day),[74].—Thuja operated in a striking manner upon the hæmorrhoidal vessels, for I felt in them, at times, congestion, and then, again, such a smallness, I might say emptiness, that it attracted my observation even when I was not paying attention to that quarter; this alternation of sensations frequently took place twice or three times a day (sixtieth day),[73].—Squeezing in the hæmorrhoids (after one hour, thirty-third day); in the hæmorrhoidal vessels, in the forenoon (fifty-ninth day),[72].—Squeezing and pressing at the anus, in the forenoon (forty-fifth day),[73].—Slight squeezing about the anus, at 10 A.M. (fifty-eighth day),[73].—**Painful constriction of the anus with almost every stool*,[1].—Constriction in the anus after two papescent stools (seventy-second day),[72].—Pressing and burning at the anus, in the morning, after a hard stool (seventy-fourth day),[73].—[**1490.**] **Burning in the anus*,[1].—A slight *burning in the hæmorrhoidal vessels* (nineteenth day),[72].—*Violent burning at the anus* (fortieth day),[43].—Transitory burning in the anus, in the morning (thirty-ninth day); burning and drawing inward in the anus after a normal evacuation (forty-seventh day); burning and feeling of soreness in the anus, at noon (fifty-eighth day); burning in the anus after a loose stool (sixty-seventh day),[72].—Slight burning in the anus after a papescent stool (fifty-ninth day); in the forenoon (sixty-third day); towards noon (seventy-first day),[73].—Burning and itching in the anus (fifth day),[70].—Intolerable biting in the anus (first day),[70].—**Distinct violent stitches from the anus into the region of the left iliac bone*, in the morning (forty-third day),[44].—**Sticking in the anus* (third and fourth days),[69].—Single stitches in the anus, alternating with burning in the prepuce (after ten hours); after walking (second morning); frequent stitches in the anus, in the evening (fourth day),[68].—[**1500.**] Repeated stitches about the anus, which continued to increase in violence during the day (within two hours); stitches in the anus, disappeared while walking in the open air (fifth day),[71].—**Single flying, very painful stitches in the anus, as from a fine needle, while sitting*, at 1 P.M.; these stitches returned from time to time, but not so frequently as at the beginning (forty-second day),[73].—Constant itching in the anus, with sticking in it as from pins,[12].—An itching of the anus, which induced scratching, at 10 A.M. (ninth day),[32].—Itching in the anus, passing into a severe burning after a hard evacuation (thirteenth day); the itching appeared at times (fourteenth and fifteenth days); worse (sixteenth day); disagreeable (seventeenth day); itching in the anus (thirty-ninth and for-

tieth days),[46].—Itching in the anus, especially troublesome in the forenoon (after twenty-three days); itching and sweat on the anus (twenty-sixth day); itchings in the anus (thirtieth to thirty-seventh day),[47].—The itching and burning in the anus increased, and were especially troublesome in the evening after a stool (third day); remained the prominent symptom, lasting till midnight and preventing sleep (sixth day); set in regularly every evening for three days (after nine days); a return, in the evening (thirteenth day); (after half an hour, twentieth day); especially annoying, attended by several violent stitches in the rectum (particularly in the evening), (after thirty-five days),[48].—Itching and burning in the anus, with tenesmus, especially in the evening (after twelve days),[49].—Itching and burning in the anus lasted the longest, and was still felt at times after the lapse of months,[50].—Intolerable itching in the anus, lasting almost the entire day (second day),[70].—[**1510.**] **Itching in the anus* (ninth day),[71].—Some *itching in the hæmorrhoidal vessels*, in the forenoon when walking (twenty-sixth day); *violent itching and pressing in the hæmorrhoidal vein, in the forenoon* (twenty-seventh day); very violent itching in the anus after dinner (fiftieth day); itching and burning in the hæmorrhoidal vessels when walking, in the forenoon (fifty-sixth day); violent itching and squeezing in the hæmorrhoids (sixtieth day),[72].—Slight itching and pressing in the anus, in the evening (sixty-eighth day),[73].—***Perinæum.*** The right side of the raphé of the perinæum was sharply prominent and felt thickened, as if the skin were indurated, without being in the least painful (fifty-second day),[73].—In the sulcus between the nates a clammy moisture is secreted (fifty-sixth day),[72].—In the sulcus between the nates, not far from the anus, a painful spot, which felt sore for an hour (sixth day),[72].—Feeling of soreness in the perinæum (forty-eighth day),[72].—Violent burning in the fossa between the nates while walking (after nine days),[1].—**Burning pain in the perinæum, the raphé of which was more prominent than usual, and one inch from the anus a tubercle of the size of a pea appeared, which increased for three days, became moist, smarted in walking, and then day by day became smaller, and disappeared in about ten days* (after thirty-five days),[48]—Some painful needle stitches extending from within outward in the perinæum, disappearing on drawing in the anus (after eight hours),[11].—[**1520.**] Itching in the perinæum when seated, in the forenoon (forty-fifth day),[72].—***Urging.*** Frequent urging to stool without result (first day),[12].—Urging to stool three times, with erections,[1].—Ineffectual urging to stool for several days, followed by an evacuation like sheep-dung,[12].—Frequent ineffectual desire for stool, fæces brighter colored,[12].—Frequent ineffectual desire for stool (after sixteen hours),[11].—Very violent desire for stool, at night; she could scarcely reach the chamber; there was an evacuation of a large amount of pasty fæces without pain (forty-fourth day),[14].—Pressure as if she should go to stool, though nothing results; afterwards (on the first day) there was a somewhat loose stool; on the next day a loose stool without pressure; on the third day no stool,[1].—Tenesmus and a hard, very unsatisfactory stool (soon, nineteenth day),[73].

Stool.—Diarrhœa. ***Diarrhœa daily, in the morning, after breakfast,**[12].—[**1530.**] Diarrhœa-like stool, in the morning, with protrusion of the rectum daily (after second month),[12].—Diarrhœa of a foul odor, alternating with constipation, for several days,[12].—Diarrhœa, in the morning, consisting of thin green mucus without fæces,[12].—***Extraordinary diarrhœa, bright yellow, watery, streaming out with much gas, as if the cork were pulled out of a full jug,** *with excessive exhaustion, and at last short and*

difficult breathing, anxiety, intermitting pulse, and acute pressive pain in the back opposite the pit of the stomach, with a feeling as if no blood could circulate there, together with rapid disappearance of the fat (seventh month),[12].—Violent diarrhœa immediately after a dose, lasting the whole next day and for several following days, gradually becoming less frequent with a feeling of relief,[12].—* *Violent diarrhœa, with colic, after which the previous distension of the abdomen disappears, recurring in various attacks during the next eight days,*[12].—* *Very violent diarrhœa, with colic, suddenly in the morning, after three days' constipation,*[12].—* *Very pressing diarrhœa always after eating* (first eight days),[12].—* *Very urgent diarrhœa every morning*, and also frequently driving out of bed at night, while during the day there is a perfectly normal stool,[12].—Very sudden violent diarrhœa, followed by vomiting six times, not preceded by nausea (in a girl who could never vomit before); the diarrhœa was most violent during the night, gradually diminished during the next three days, and on the fifth day a large amount of tapeworm was discharged, of which hitherto there had been no trace (fourth week),[12].—[**1540.**] Pasty diarrhœa, with tenesmus, for two days, from morning till evening; aching in the intestines, deep in the middle of the abdomen, and a pointed, painful sore swelling, like a condyloma, in the anus (ninth month),[12].—**Several times violent, nearly watery, but painless diarrhœa* (after 900 drops),[61].—***Diarrhœa of yellow water, at times painless, at times with colic**, four or five times a day (third day); stool white, thin, formed (twenty-ninth day),[14].—Violent diarrhœa with severe pain (ninth day); a copious evacuation, with discharge of much flatus, in the evening (tenth day),[53].—Two liquid stools soon after taking the dose (eighteenth day),[72].—Two stools (twenty-seventh day),[76].—Two slight passages, ending with discharge of mucus, itching, and burning, in the evening (second day),[48].—Three stools, ending always with discharge of mucus (sixth day); in the evening three stools, with subsequent itching and burning in the anus, and irritating stitches in the rectum (seventh day); three stools, with the accustomed accompaniments, in the evening (eighth day); every day, for three days, two stools, ending with a discharge of mucus (after nine days); evacuation, at 6 A.M., with burning in the anus (twentieth day),[48].—Two papescent fetid stools (fifth day); a large evacuation, which was at first hard, afterwards papescent, clayish, and fetid, at 8 A.M. (sixth day),[32].—Diarrhœa, in the evening (first day); copious evacuation (second day); diarrhœa increased (seventh and eighth days); diarrhœa (eleventh, twelfth, and thirteenth days); copious evacuation (fourteenth day); constipation (nineteenth day); copious fluid evacuations, in the morning and after dinner (twentieth day); a scanty liquid evacuation, in the morning (twenty-first day); diarrhœa (twenty-fourth day); a very copious liquid evacuation (twenty-fifth day); scanty evacuation, in the morning (thirty-ninth day); a scanty papescent stool after dinner, and then *a violent burning at the anus* (fortieth day); a papescent stool, in the forenoon (forty-third day); hard stool, in the morning (forty-fourth day); papescent stool, with emission of a quantity of flatus, every day after dinner (forty-fifth to fifty-second day); liquid evacuation (sixty-fourth day); copious liquid evacuation, at noon (sixty-ninth to seventy-sixth day); constipation (ninety-third day); one scanty stool (ninety-fourth and ninety-fifth days),[43].—[**1550.**] A papescent stool, at 4 P.M. (fifth day); no evacuation (sixth and seventh days); two stools, one hard and unsatisfactory, afterwards another papescent, and which left behind a long-continuing burning in the anus (eighth day); three papescent stools (at 6, 9, and 11 A.M.), (ninth day); no evacuation

(tenth day); a hard unsatisfactory evacuation, in the morning (twelfth day); a very unsatisfactory stool after much straining, at 6 P.M. (thirteenth day); no stool (fourteenth day); an unsatisfactory stool, in the forenoon (fifteenth day); another unsatisfactory stool, in the afternoon (sixteenth day),[66].—No evacuation (third day); in the morning a loose stool, and after it a troublesome pressing in the anus, which remained the whole day (thirteenth day); a hard scanty stool at 4 P.M., and pressing and itching in the anus for almost the whole evening (fourteenth day),[65].—During the proving the stools were softened, more copious, and took place from two to three times a day,[63].—Frequent copious stools of pasty fæces, affording great relief,[4].—A very copious soft stool, in the morning (fifth day),[64].—Soft stool, several mornings in succession,[11].—Soft stool, immediately,[11].—Several soft stools (after two, ten, twelve, and fourteen hours),[8].—An evacuation early every day, with urging, although only a small quantity of thin fæces was quickly passed; afterwards, a feeling of inactivity in the rectum,[81].—Scanty papescent stool,[85].—[**1560.**] *Frequent normal stools* (after thirteen, and sixteen hours),[8].—The excretions were increased in quantity and were less consistent,[77].—Stools alternately soft and hard, at times like pieces of apples (through the first weeks),[12].—Stool daily, at times normal, at times scanty and difficult, at other times omitting entirely, sometimes diarrhœic and pasty, with urgent desire therefor,[12].—The stool, hitherto constipated, becomes better, with discharge of some blood,[12].—Regular stool in one habitually constipated (after eight days),[12].—Stool more easy and frequent than usual,[12].—Several stools in quick succession, not like diarrhœa, and painless, especially immediately after emotional excitement,[12].—Stool painful, mixed partly with clear clotted blood, partly with pus, followed by violent burning in the rectum,[12].—Stool very pressing, with tenesmus, and mixed with bright-yellow fæces (fifth month),[12]. — [**1570.**] **Stool, with much flatus*,[12].—Two fluid evacuations, with colic (twelfth day); no evacuation (fourteenth and fifteenth days); no evacuation for two days (twenty-second day); a hard evacuation (twenty-fourth day); no evacuation for two days past (forty-sixth day),[76].—A very hard evacuation after much straining, followed by pain in the anus, in the morning; at the same time borborygmus; three hours later two liquid stools, with subsequent burning in the anus (over an hour), (thirty-sixth day); an unsatisfactory stool after violent pressing (sixty-ninth day),[73].—Very sparing stool, half fluid, with a sensation as if the rectum were very inactive (second day); evacuation slight, not satisfactory (third day); no evacuation (fourth day),[84].—Frequent dribbling of blood after a stool,[12].—The discharge of blood with the stool increased, with a very painful feeling of soreness and rawness in the rectum, twice daily,[12].—Quantities of threadworms pass with the stool (first four weeks),[12].—Discharge of a large tapeworm, of which, hitherto, there had been no symptom, with vomiting and diarrhœa (seventh month),[12].—Ascarides are passed in large quantities, even without a stool, with accumulation of water in the mouth, griping in the abdomen, and diarrhœa (fifth month),[12].—The stool looks like baked plums,[12].—[**1580.**] Stool black,[12].—Stool indurated, in pieces like balls,[12].—Evacuation of large hard brown balls of fæces, covered with streaks of blood (after fourteen days),[4].—Stool diminished (after five days),[1].—***Constipation.*** Constipation for several days, after a profuse nocturnal emission,[7].—Constipation for a long time, as from paralysis, alternating with pressing pasty diarrhœa (tenth month),[12].—Constipation after several days, with most violent drawing colic pains, during which she cried out in despair and tossed about,

passing off with an ordinary stool,[12].—Constipation for eight days, followed by a copious hard evacuation,[78].—Constipation, with ineffectual desire for stool, swelling and soreness in the anus, and discharge of some blood,[12].—Stool at times unusually difficult, during which the intestines seem paralyzed and unable to expel a normal stool (sixth month),[12].—[1590.] Stool infrequent,[12].—Stool very infrequent, without a clyster, then hard and dry,[12].—Stool very difficult, with violent pain in the small of the back and evacuation of blood,[12].—Hard stool (she usually had diarrhœa), (seventy-first day),[14].—Unsatisfactory hard stool, with subsequent itching and biting in the anus (second day),[56].—Stool difficult, hard, in the afternoon (after eight hours),[11].†—An evacuation of the bowels only every two, three, or eight days, and difficult (first four weeks),[12].—**Constipation* (second day); a hard evacuation (thirteenth day); evacuations ceased (fourteenth and fifteenth days); hard stool (sixteenth day); a hard evacuation, with subsequent burning in the anus (twenty-fourth day); a violent evacuation, with bellyache and burning in the anus (after two hours, twenty-fifth day); another evacuation and rumbling in the abdomen, at night (twenty-fifth day); no evacuation, but strong urging towards it, with itching in the anus, extending into the urethra (thirtieth day); failure of an evacuation (nineteenth day); he was accustomed to have a regular passage every day, in the morning; hard stool, in the afternoon (thirty-first day),[46].

Urinary Organs.—Kidneys and Bladder. Slight burning in the region of the kidneys, ceasing after an hour, and followed by copious urine, accompanied by burning (fifth day); the burning in the renal region increased, and was accompanied by drawing along the ureter up to the vesica (after one hour, sixth day),[78].—Pressing in the renal region (eighth day),[70].—[1600.] The urinary bladder feels paralyzed, and without power to expel the urine, the rectum is also similarly affected,[12].—Uncomfortable sensation of fulness in the region of the bladder forced me to frequent urination; the quantity of urine did not seem increased, and its quality was perfectly normal,[62].—It seemed as if the vesica were larger,[58].—Sensitiveness and feeling of inflation in the region of the vesica, with frequent urgency to urinate,[59].—Burrowing pain in the right kidney region at night, so severe on turning over that he woke (eighty-sixth day),[13].—Frequent attack of boring pain in the *region of the bladder*, with painful *drawing up of the testes* (fourteenth day),[34].—Almost daily attacks, and sometimes several attacks a day of boring pain in the region of the bladder, with painful drawing up of the testes, accompanied with occasional urging to stool,[36].—Pressure downward in the left renal region while sitting (after two hours),[10].—Constrictive pressive pain in the urinary passages, as if the urine had been retained to the extreme point, with frequent desire and difficult micturition,[12].—Cutting pain in the region of the bladder, behind the pubis, just before and during micturition, also at other times, most violent while walking (after twelve days),[6].—[1610.] Cutting pain in the vesica for some minutes, in the afternoon (thirty-third day),[44].—Shooting stitches from the *neck of the bladder* towards the *urethra* (twenty-second day),[32].—***Urethra.*** Burning in the urethra and gonorrhœal discharge, and on the right side of the scrotum dark red itching pimples, which one by one changed to white superficial ulcers, a similar one in the middle of the navel, in a young man who had suffered from chancre and gonor-

† This is the primary action; the opposite, secondary action, followed after twelve to fourteen days.—HAHNEMANN.

rhœa two years previous, permanently cured, to appearance, by bluestone, injections, and Mercury, since which time he had always been weak and tuberculous; this eruption occurred in the second month of the proving, was followed by increased health, while the eruption extended over the whole scrotum and glans penis, and changed to superficial white ulcerating spots, healing and breaking out again in spots,[12].—Gleet, especially violent during stool, mingled with emission of semen, with burning in the urethra, and drawing pain in the testicles,[12].—Constant discharge of a great quantity of greenish-yellow mucus from the urethra without pain, and with some sore tension, only during erections; following an apparent cure of gonorrhœa (sixth month),[12].—The gonorrhœal discharge returns at longer or shorter intervals, with a burning sticking pain in the urethra, and tearing rheumatic pains in all the swollen joints, especially in the nape of the neck, small of the back, knees and feet, with a slimy-coated tongue, sugary sweet taste in the mouth, loss of appetite and constipation, for fifteen months, but gradually becoming less, and followed by permanent good health; in a man who had suffered from gonorrhœal rheumatism,[12]. —The gonorrhœa that had ceased returned (second month),[12].—The gonorrhœa diminished from day to day,[12].—Discharge of prostatic fluid in tenacious threads, in the morning after waking,[7].—**The orifice of the urethra closed with a slimy fluid, consisting of serous liquid and a lump of mucus*, which could be drawn into threads by the fingers. After removing this liquid, a slight burning on urinating, in the morning (tenth day),[32].—[**1620.**] **The orifice of the urethra is agglutinated by mucus*, dark red and swollen,[12].—**After urinating, some urine still remains in the urethra, which subsequently comes out guttatim*, not from the bladder, only from the urethra,[1].—Acute painful sensation of soreness in the forepart of the very red and swollen urethra, so that touch cannot be endured, lasting a long time, and constantly recurring (fourth month),[12].—A tensive aching in the prostate gland and testicles, which five years previously had been swollen during gonorrhœa, now returns with renewed swelling (third week),[12].—Constant biting pain in the whole urethra, while urinating,[12].—Dreadful tearing pains, which darted like lightning hither and thither through the urethra, with simultaneous violent stitches in the anus (in the afternoon when seated),[79].—Cutting in the perinæal portion of the urethra,[85].—Cutting in the urethra, from the perinæum forward (third day); severe cutting pains in the urethra (perinæal region), (fourth day),[84].—Drawing cutting pain in the urethra, when walking (after ten hours),[6].—Cutting pains in the urethra, while urinating (sixty-seventh day),[13].—[**1630.**] A jerking-cutting sticking in the urethra, when not urinating (after thirty hours),[1]. —Cutting, while urinating,[1].—Burning in the urethra, when not urinating,[1].—Burning in the urethra after rising (thirteenth day),[66].—The same evening I observed a very disagreeable scalding on making water, which continued all next day, and I was horrified to observe on undressing that my shirt was spotted all over in a manner extremely repugnant to one's notions of respectability. I found a considerable gleety discharge from the urethra, which was evidently swollen and inflamed, as the stream of urine was small and split and the burning had increased. The following day the discharge had become yellow, while the other symptoms remained as before. The discharge still continued, though in a diminishing degree, until the sixth day, but the scalding and interrupted stream of urine were by that time gone, and on the seventh day I was quite well again. The symptoms while they lasted were precisely those of an ordinary attack of

gonorrhœa, but their medicinal origin was evidenced by the short duration of the attack,[91].—Burning in the orifice of the urethra, in the evening (fourth day),[68].—Burning when urinating,[82].—Burning in the forepart of the urethra, without flowing,[80].—Burning and sticking in the forepart of the urethra,[82].—Burning in the urethra when urinating, and also for some time afterwards,[1].—[**1640.**] Smarting, burning pain in the urethra, when urinating (after forty-eight hours),[1].—Burning in the urethra during the whole of micturition,[1].—Burning in the whole of the urethra, with urging to urinate, for a quarter of an hour,[12].—Slight burning in the urethra, leaving behind a voluptuous feeling, especially after urinating (after three hours, third day); burning in the urethra (immediately, fourth day),[78].—Burning in the urethra towards the bulbus, for several minutes (nineteenth day); slight burning in the urethra during micturition, in the afternoon (twenty-fifth day); burning in the urethra on the evacuation of some very dark-colored urine (sixty-first day); slight burning in the urethra while urinating, after dinner (seventy-first day),[73].—In the morning after urinating, burning in the urethra; very painful stitches from the urethra to the anus; pressing in the region of the neck of the bladder, with urgency to urinate; these feelings lasted about twenty minutes (second day),[63].—Slight burning during urination, the urine being redder than usual (twenty-fourth day),[20].—Violet *burning pain* in the *urethra* and in the *fundus of the bladder*, followed every urination (forty-third day),[42].—Sticking beating in the fossa navicularis of the urethra (coming on daily for two weeks, at irregular intervals, and frequently repeated in an hour),[81].—A few stitches in the *fossa navicularis* of the urethra, at 4 P.M. (fifth day),[31].—[**1650.**] Several painful *stitches* in the forepart of the *urethra*, the penis being relaxed (after half an hour, ninth day),[32].—A few shooting stitches in the urethra (thirteenth day),[22].—Slight stitch in the urethra (twenty-fourth day); stitches in the urethra, with urgent desire to urinate (twenty-ninth day),[47].—Stitches in the urethra, with frequent erections at night, so that he could not sleep,[1].—Some stitches from behind forward in the urethra, when not urinating, not while urinating,[1].—Tearing stitches in the forepart of the urethra,[1].—Frequent stitches in the urethra, with discharge of mucus in the morning,[12].—Fine stitches in the urethra, very transient, but frequent,[12].—Burning-piercing stitches near the meatus urinarius, when not urinating (after nine hours),[6]—Violent stitches in the anterior extremity of the urethra, when not urinating,[80].—[**1660.**] Violent stitch in the urethra, in the evening (after three days),[1].—A sudden, flying stitch darted through the urethra, came out from the bulbus, pressed almost to the middle of the urethra, and was so violent that he was unconsciously obliged to bend over, towards noon, while walking in the open air (sixty-second day),[73].—*A voluptuous itching* in the forepart of the *urethra*, while the penis was relaxed, after dinner (fourth day),[32].—Transitory *jerking formication in the fossa navicularis of the urethra*, accompanied with a voluptuous feeling, without erection (eleventh day),[32].—A *jerking voluptuous formication* in the forepart of the *urethra* (while walking in the street), penis being relaxed, at 9 A.M. (twelfth day),[32].—Voluptuous itching in the forepart of the urethra, the penis being relaxed, accompanied with a sensation as if a few drops would flow out (fourth day),[33].—Itchings in the urethra, when urinating (sixth day, and subsequently); itching in the urethra (thirteenth day); disagreeable itching in the urethra (seventeenth and eighteenth days); itching through the whole urethra during urination, in the afternoon (twenty-third day); itching during urination (thirty-first day),[46].—**Sensa-*

tion of moisture running forward in the urethra, especially in the evening,[1]. —**After urinating, a sensation as though a few drops were running down the urethra*, lasting a quarter of an hour,[1].—A sensation in the urethra as if a drop of viscid fluid were pressing forward, while sitting at 4¾ P.M. (ninth day),[32].—***Micturition and Urine.*** [**1670.**] Desire to urinate (twenty-eighth day),[20].—Increased desire to urinate daily from 5 to 10 A.M., and returning after 7 P.M.,[12].—The involuntary dribbling of urine ceases, and changes to a frequent desire to urinate,[12].—Frequent desire to urinate,[12].—Constant desire to urinate,[12].—Frequent desire to urinate and micturition, without pain (after one hour and three-quarters),[8].—Frequent desire to urinate, followed by a copious evacuation of watery urine, even at night (after thirty-six hours),[4].—Increased urgency to urinate (first day),[69 85].—Urgency to urinate, with copious micturition,[71].—**The urging to urinate was frequent and hasty* (sixth day),[71].—[**1680.**] Urgency to urinate, with stitches in the urethra (thirtieth to thirty-seventh day),[47].—Frequent urging to urinate, in the daytime (first day),[21].—**Repeated urgency to urinate*, even when there was but little water in the bladder (seventeenth day),[72]. —Frequent urgency to urinate, with passage of copious urine (after second day),[68].—Hasty urgency to urinate, with copious urine (second day),[70].—*Constant desire to urinate* during the night, and emission of a *large quantity of light-yellow urine* (forty-third day),[43].—Desire to urinate, lasting all day; the pain decreased after urinating (forty-fourth day),[43].—Excessive straining to urinate, ending with a discharge of a little stone, in a woman who hitherto had never noticed any trouble from stone (seventh month),[12].—Urine interrupted in the middle of its discharge, can be passed only after,[12]. —At times the urine passes only a powerless, slow stream,[12].—[**1690.**] Urine passed in a spreading and divided stream,[12].—Evacuation of urine interrupted, and in many distinct intervals,[12].—Is obliged to press when he wishes to urinate, this he is obliged to do every minute, some urine passes only by paroxysms, when there is burning pain in the urethra,[1].—Profuse micturition (after twenty hours),[2].—Frequent micturition of a large quantity of urine,[1].—Very frequent micturition, nearly every hour, without pain,[1].—**He is obliged to urinate five or six times before the bladder is completely emptied*,[1].—*He is frequently obliged to pass a large amount of urine* (after four hours and a half),[5].—Frequent micturition, without much at a time (fifty-seventh day),[13].—Rose to urinate in the early morning (sixth day); rose at 2 A.M. to urinate; passed an ordinary amount, though I had done so about 10.30 the night before, just before going to bed (seventh night),[90].—[**1700.**] Frequent urination, and restless sleep at night (fourth day); with urging at first, as though there was always water to come away, afterwards without urging (thirteenth day); with burning in the fossa navicularis (thirty-second day),[20].—Frequent urination with urging; followed by long-continued urging (eighth day); with urging (thirteenth day),[21].—Frequent urination at night (fourth day); increased urination persisted, and was accompanied by a stitch in the left testicle (fifth day); frequent micturition, with itching in the urethra at night (twenty-fifth day); frequent micturition, especially at night (thirty-fourth day),[46].—Was obliged to rise twice at night to urinate; the desire was violent, and much urine was passed, with much pressure (sixty-ninth day),[13].—During the night he was obliged to urinate much, the last part of the urine flowed at intervals, he was obliged to press it out (seventy-ninth day),[13].—Obliged to urinate every half hour (after twelve months),[13].—Profuse micturition at night (twenty-third day),[48].—Increased urinating at night (twenty-

fourth day),[47].—Frequent urination, with very hasty, incessant urging, in the night (first day),[50].—Obliged to urinate oftener than usual,[58].—[**1710.**] Frequent urination in the course of the day (first day),[68].—Urinated at night more than usual (sixty-ninth day),[72].—(The urine, which hitherto had passed involuntarily on coughing, can again be held),[12].—Unable to retain the urine long (after ten months),[14].—Obliged to urinate very frequently, with a sensation of band across the bladder, by which the urine seems to be withheld,[12].—Obliged, contrary to his usual habit, to rise three times at night for the purpose of urinating; the urine was straw yellow, and amounted to a full quart (first night); quantity of urine increased, clear, straw yellow (third night); copious urine; frequent urination at night (fourth night); still more copious urine, accompanied by burning (fifth day); the urine diminished in proportion as the burning in the ureters increased (sixth day),[76].—She cannot hold the urine, and is obliged to pass it frequently and profusely,[12].—The urine passes involuntarily, and can no longer be retained, recurring at indefinite intervals,[12].—Nocturnal eneuresis increases on the third day, the urine in the morning is dark red, with a red sediment, very offensive, and is passed frequently and profusely,[12].—**Discharge of much urine; is often obliged to rise at night to urinate* (after twelve hours),[1].—[**1720.**] Urine copious (twenty-second and twenty-third days); and yellow (twenty-ninth day),[76].—Copious urine (third day),[57].—Increased secretion of urine (third and fourth days),[69].—Urine increased (fifth day); frequent urination (sixth day),[66].—Increased secretion of urine (first day),[88].—Increased discharge of urine (seventh day); copious urine (eleventh day); increased urination (twelfth day),[65].—Frequent urination interrupting sleep at night (twelfth day); copious urine at night (twentieth day),[45].—Copious, limpid urine (twenty-sixth day),[47].—The prover thinks he passed more urine during the experiment than at other times (fifteenth day),[45].—He thinks he passed more urine than usual (sixth and seventh days); frequent, and on every occasion copious urination (eighth day),[64].—[**1730.**] Passed a large quantity of *yellowish wine-colored urine*, in the evening and night (thirty-seventh day),[43].—During the night more frequent and copious urine than formerly, and immediately after urinating I felt a renewed inclination, whereby a few drops were discharged without pain (third day); the urine was plainly increased, and after urination returned, attended with the voiding of a few drops more (sixth day),[48].—Copious urine at night, with itchings in the urethra (sixth day); urine continued increased (seventh day); frequent and copious urine, especially at night, for three days (after twelve days); continuance of the copious urine (nineteenth day); passed no urine during the whole day (thirty-fifth day); a small quantity of dark-red urine (thirty-sixth day); urinated copiously (thirty-seventh to fortieth day),[46].—Scanty micturition, with frequent desire,[12].—Micturition scanty and infrequent, after a general œdematous swelling,[12].—**Evacuation of scanty and exceedingly dark-colored urine, causing burning in the urethra*, at 2 P.M. (forty-seventh day); voided very seldom (sixty-third day); very scanty, soon becomes thick and turbid by standing, and deposits a copious, clayey sediment (sixty-seventh day),[73].—Retention of urine with flatulence, followed by return of a gonorrhœal discharge (fourth week),[12].—Dysuria with turbid urine,[12].—Copious limpid urine, in the afternoon (second day),[46].—*The urine is very watery when passed; after standing a long time it becomes somewhat cloudy*,[5].—[**1740.**] Frothing of the urine ceases for short periods, the urine is then white, slimy and turbid (twelfth month),[12].—Very frothy

urine, the froth remains for a long time, with frequent urgent desire to urinate, the urine exceedingly profuse, clear, light yellow, odorless, lasting after six months,[12].—Urine covered with an iridescent film,[12].—Urine thick, depositing a cinnabar red sediment,[12].—For a long time the urine, on emptying the chamber, has been found thick and turbid, with a sediment at the bottom of the vessel (fifty-sixth day),[73].—The urine, since the large doses of Thuja, had become turbid, and in cooling, deposited a flocky, mucous cloud,[48].—Urine mixed with blood,[12].—The urine deposits a copious brown, slimy sediment,[12].—Urine brownish red, becoming at times thick and slimy, and depositing a red and yellow substance,[12].—Reddened urine (fifteenth day),[26].—[**1750.**] Urine red, after standing it deposits a thick brickdust sediment,[4].—Urine of the color of blood,[12].—Urine is dark reddish brown, deposits much sand and mucus,[12].—Urine brown, smelling like old broth,[12].—The urine has a pungent odor,[12].—Urine with a penetrating odor,[80].

Sexual Organs.—Male. On the glans penis a rather round superficial, impure ulcer, with burning pain, surrounded by redness, with sticking, after some days,[1].—A small depressed vesicle on the glans penis, with stinging pain when urinating (after twenty-four days),[1].—The glans penis, together with the tip of the urethra, is inflamed, swollen, dark red, and covered with large and small sore, superficial, white, suppurating spots and condylomatous growths, with discharge of gonorrhœal mucus; these again disappeared within nine, five, three days, or one day, but frequently returned at various times, in a young man who had never been infected, but who had been revaccinated with unsuspected lymph (second month),[12].—Inflammation of the glans penis, with gonorrhœa, watery discharge from the urethra, and acute tickling in the anus and perinæum returns, together with great improvement of the gonorrhœal cachexia,[12].—[**1760.**] The glans penis becomes scarlet red, and covered with an eruption of small elevated sore points, exuding a yellow-green mucus of a very nauseating odor, with great itching, continually disappearing and reappearing,[12].—Two bluish red, somewhat elevated itching spots in the fossa behind the glans penis,[12].—Small red condylomatous growths upon the glans penis, disappearing after a few days,[12].—The glans penis was entirely covered with a greenish-yellow, ill-smelling secretion; on the dorsum of the glans, near the hinder border, four tubercles about the size of a flaxseed, with a vesicle on the summit, and in the sulcus, near the attachment of the foreskin, was a small eroded spot, surrounded by a red circle about the size of a lentil (twenty-fourth day); the tubercles had increased by turn (twenty-fifth day); the vesicles were broken, and left behind little painless erosions, surrounded by a red margin and yielding the secretion alluded to (twenty-sixth day); the protrusions became flatter, the circle paler, and at last the sore spots disappeared also; granular elevated red spots on the glans penis, which was uncommonly sensitive (thirtieth day); the sebaceous glands of the prepuce appeared swollen and inflamed (thirty-second day); the inflamed spots were paler again, the clustered, prominent tubercles flatter (thirty-third day); appearance of the prepuce and glans natural (thirty-fourth day),[48].—Deep-red spots on the glans, and the inner surface of the foreskin was inflamed and swollen (sixteenth day); a slight burning was perceived in the glans, which, on examining the furrow behind the corona, was entirely covered with a thin, yellowish, ill-smelling secretion, on the removal of which two deep-red spots were discovered, which appeared to be eroded, and from which the fluid alluded to exuded (seventeenth day); the two

spots had increased in size, run together, and were covered with granular elevations; in the glans, a feeling as if ulcerating, but micturition was performed without pain (eighteenth day); the whole furrow, as far as the frænulum, was sore and covered with papillæ of the size of a poppyseed; the secretion from the glans was very copious (nineteenth day); the secretion was diminished in quantity, but some twelve or fifteen reddish excrescences arose on the hinder portion of the glans, the largest of which was about the size of a flaxseed, and the inner surface of the prepuce was full of granular tubercles (twentieth and twenty-first days); on the next day the elevations on the glans disappeared, as well as the sore spots in the furrow, with a steady diminution of the purulent discharge; the sebaceous glands of the prepuce remained, nevertheless, for some time swollen and prominent,[49].—Redness of the glans at the aperture of the urethra (second day); a dull pain developed in the left testicle, as though it had been bruised, and was perceptible both when seated and when walking (third and fourth days); an eroded spot appeared again in the middle of the furrow of the glans, which discharged a puslike fluid; the whole furrow was covered with pus, so that it was necessary to cleanse it often (seventh and eighth days); after moderate use of wine the condition was still worse, the inner surface of the prepuce was sore in spots, highly inflamed at the frænulum, the glans was sensitive and painful when walking (ninth day); the discharge from the glans was first entirely cured, after several alternations of better and worse, at the end of four weeks,[50].—Some smooth red excrescences, with crawling sensation behind the glans penis under the prepuce, lasting ten days (after twenty-two days),[1].—A red spot on the inner surface of the prepuce, which itched violently, and disappeared after twenty-four hours (sixth day),[68].—A small tetter on the inner surface of the prepuce, which is depressed in the middle, moist and suppurating; painful only on touch (after sixteen days),[1].—* *Great swelling of the prepuce*,[1].—**[1770.]** A red elevated gritty spot on the outer surface of the prepuce, which becomes an ulcer covered with a scab, with itching, and sometimes with burning pain,[1].—Swelling of the prepuce began with a gonorrhœal discharge,[12].—***A red growth like condyloma on the inner surface of the prepuce**,[1].—* *Moisture on the glans penis* (after eight days),[1].—* *The glans began to grow moist, and to secrete a thin mucus* (sixth day),[78].—Erections daily, in the morning, with a distressing crawling uneasiness in the genitals and vicinity, with aversion to coition, for eight days,[12].—Erections for several hours, in the morning while half awake,[1].—Erections in the morning (seventieth day),[13].—A very violent erection again, in the afternoon (twenty-eighth day),[73].—Violent erection, with strong desire for coition, in the morning on awaking; but notwithstanding the voluptuous feeling, there was no emission, which is not usually the case with him (twenty-sixth day); erections twice (sixty-first day),[73].—**[1780.]** Long-continued erections at night,[1].—Violent erections in the morning, without voluptuous sensation,[12].—Erections return more and more, with increasing power (in one who had hitherto been impotent in consequence of gonorrhœa), together with some burning in and agglutination of the urethra, with red streaks in the mucous membrane, together with purulent expectoration from a sore, painful, circumscribed spot in the middle, under the lower half of the sternum, with violent cough, lasting fourteen days, gradually diminished, and was followed by undisturbed and increasing health (sixth to eighth week),[12].—A sensation was often experienced, while seated, as if the glans had been bruised,[48].—The glans became sensitive, and the se-

baceous glands swollen, as before (sixth day),[49].—Sensibility of the glans, and darting stitches through it,[59].—*Glans very sensitive* on awaking; drawing back the prepuce causes pain (twenty-fourth day),[72].—Frequent painful *jerking in the penis*, accompanied by a sensation as if a viscid liquid were exuding from the urethra, which, however, was not the case (eleventh day),[32].—Jerking pain in the penis, as if a nerve were suddenly and painfully pulled,[7].—Biting on the upper surface of the glans and in the prepuce (soon, second day),[68].—[**1790.**] Biting in the prepuce was troublesome for an hour, after walking (second morning),[68].—A sensation on the glans penis, near the frænulum præputii, as if the spot had been excoriated, although no change was visible (fourth day); the same feeling of soreness on the glans when touching it (fifth day),[31].—A painful *burning sensation between the prepuce and glans penis*, continuing from six to seven seconds, and returning several times *at short intervals*, without any change in the parts perceptible to the eye (ninth day),[32].—Burning in the prepuce, alternating with single stitches in the anus (after ten hours),[68].—Burning on the inner surface of the prepuce, soon,[69].—Frequent burning stitches in the penis, extending to the testicles and umbilical region, most violent while sitting, disappearing while walking, and returning while sitting (after twenty-four hours),[10].—Violent stitches in the glans penis, near the urethra, accompanied by desire to urinate; the urine then passed guttatim; during micturition, the stitches were at times violent, at times entirely disappeared; the desire to urinate, however, lasted until the stitches entirely ceased (after seven hours and a quarter),[5].—Frequent stitches darted through the glans and the whole member, especially the glans, was constantly sensitive,[62].—Acute stitches on the inner surface of the prepuce,[1].—Painful stitches in the glans penis (seventh day),[20]; (ninth day)[71].—[**1800.**] Sticking and itching in the glans penis,[1].—Some stitches in the tip of the glans penis when not urinating, especially if the part be pressed,[1].—Flying stitches in the glans (fifth day),[70].—Several burning stitches in the glans penis (after eight hours),[10].—Burning itching in the tip of the glans penis when urinating,[1].—**Itching on the inner surface of the prepuce,*[79].—Sticking itching in the side of the glans penis,[1].—Itching and biting in the prepuce, in the afternoon (first day),[56].—Itching in the corona of the glans, when walking (for half an hour), (second day),[56].—Itching on the prepuce became almost intolerable (four hours after second dose, second day),[68].—[**1810.**] Itching in the prepuce (third day),[68].—**Frequent itching in the glans and prepuce, alternating with stitches in the anus* (sixth day),[71].—Tickling-itching sensation between the prepuce and glans penis (after half an hour),[10].—Itchings on the prepuce (third and fourth days),[69].—Painful throbbing in the base of the glans (for four minutes), (twenty-fourth day),[77].—A varicocele on the left side becomes enlarged and painful in renewed paroxysms, gradually disappearing only after a long time (seventh to fifteenth month),[12].—Corroding aching of the right half of the scrotum,[81].—Sensation as though the right side of the scrotum had been bruised,[80].—Pressing-burning stitches, extending from below upward through the scrotum and spermatic cord,[10].—Needlelike stitches in the scrotum,[1].—[**1820.**] Crawling and itching in the scrotum, with burning pain after rubbing,[1].—Itching on the left scrotum (in the evening),[1].—The left testicle is drawn tightly up against the abdomen, with swelling of the inguinal glands,[1].—(Degeneration of the epididymis, like a varicocele),[1].—Deeply painful drawing in the left testicle and spermatic cord,[12].—Violent drawing in the testicles (after one hour),[69].—Drawing sensation in the testicles,[1].—

Drawing in the left testicle (first day),[70]; (second day),[68].—Drawing in the left testicle, with feeling of weight in it (first day); disappeared while walking in the open air (fifth day),[71].—A pressing pain in the testicles, as if they would be crushed, while walking and sitting, worse when walking (after two hours),[8].—[**1830.**] Feeling of compression in the testicle,[85].—Repeated sharp stitches in the left testicle (after seven hours),[10].—Painful, frequently repeated stitches in the right testicle,[79].—Stitches in the left testicle for eight days,[80].—Very violent dull sticking pain in the right testicle (third day),[84].—Sticking pains in the left testicle, several times during the day (fourth day),[84].—A fleeting stitch in the left testicle (twelfth day),[82].—*Feeling in the testicles as if they moved*, disappeared while walking in the open air (fifth day),[71].—Four pollutions (fourth night),[78].—A pollution towards morning (seventh night),[65].—[**1840.**] A pollution in the night, and afterwards a troublesome burning in the urethra (first night); a pollution in the night (fourth day); at 4 A.M. (tenth night); in the night (twelfth day),[66].—Emissions become more frequent,[12].—An emission causing faintness towards morning, followed by heaviness and ill-humor,[12].—Emissions becoming more infrequent, and afterwards ceasing entirely,[12].—Nocturnal emission, with distressing pain in the orifice of the urethra, as though too tight,[7].—*Nocturnal emission*, whereupon he awoke (after twenty-three and forty-eight hours),[8].—Persistent impotency,[12].—The sexual impulse was again active, with normal results, on awaking in the morning (twenty-eighth day),[73].—Great excitement in the genital organs, especially tickling in the prepuce and glans, at noon (sixtieth day),[73].—Sexual impulse much exalted (till thirteenth day),[72].—[**1850.**] The sexual impulse was exceedingly importunate (sixth and seventh days),[64].—In the night, increased sexual desire, which, during the whole course of the preceding proving, had been rather diminished than exalted (second day),[49].—During the whole duration of the experiments (unica nocte exempta) the sexual impulse was diminished even to indifference,[50].—Voluptuous fancies and an erection (the first since taking Thuja), with discharge of prostatic fluid, while lying down (fifty-seventh day),[13].—In the evening he was very much excited sexually, which did not entirely disappear after coition, so that he only fell asleep towards midnight (fifty-eighth day),[13].—Excited sexual impulse (fortieth day),[52].—The striking indifference to sexual intercourse, by no means customary, continued during the whole experiment, and, in fact, still longer,[62].—He has no desire for coition for a long time,[12].—***Female.*** *In the pudenda and along the loins new varices appeared; were very painful and prevented walking*, with a warm feeling in the genitals eight or ten times, as if warm blood were flowing,[12].—Swelling of both labiæ, with burning pain only when walking, and on touch (after fifteen days),[1].—[**1860.**] Swelling of the left labia,[12].—(A whitish ulcer on the inner surface of the labia majora, at first painfully sore when touched, afterwards itching, lasting a long time),[1].—Miscarriage at the third month, commencing with a scanty discharge of blood for five days, then profuse for four days until the miscarriage, followed by good health,[12].—Cramplike pain in the female genitals and perinæum, on rising from a seat,[1].—Cramplike pain in the female genitals, extending up into the lower abdomen (after ten hours),[1].—Paroxysmal constrictive pressure in the genitals, with discharge of milky leucorrhœa in gushes,[12].—Pain, like a pressure and contraction, in the female genitals, while sitting,[1].—Laborlike pains, with increased leucorrhœa,[12].—**Biting and itching in the female genitals, mostly in the urethra, when urinating, and for some time afterwards*,[1].—Contractive

pains in the left ovary,[12].—[**1870.**] Tensive and pressive aching in the right ovary, with a feeling as if a stick were sticking in it, mostly while sitting, pressing into the groin and in the rectum,[12].—Deeply-seated drawing aching in the left ovary, extending over the groin, with increased leucorrhœa,[12].—A forcing outward protrusion of the vagina from the pudenda,[12].—**Burning and biting in the vagina when walking and sitting*,[1].—**Pain in the pudenda, as if sore and biting*,[1].—Pain, like a soreness and biting, in the pudenda, especially when urinating,[1].—Sticking in the pudenda on walking (a long distance),[1].—**Itching of the pudenda when walking*,[1].—Leucorrhœa,[12].—Leucorrhœa causing soreness; also with burning-biting itching in the groin,[12].—[**1880.**] Leucorrhœa gummy and offensive, smelling like sea-fish, corrosive, causing soreness, and irresistibly compelling to onanism,[12].—Leucorrhœa increased, with colic and drawing in the loins, corrosive and offensive,[12].—The leucorrhœa becomes at first more profuse, and then gradually disappears (after eight days),[12].—Leucorrhœa at first increased, then very scanty, and only before and after the menses,[12].—Constant profuse leucorrhœa, with a show of menses, but of only a few drops of blood,[12].—Profuse leucorrhœa, with cutting and pressure in the genitals,[12].—**Slight leucorrhœal discharge*, which she never had before (thirty-first day); leucorrhœa lasted until the menses appeared, when it ceased (thirty-sixth day); reappeared, but it is scanty, and obliges her to wash herself frequently in the daytime; it is mild, yellow green, and leaves spots of a similar appearance on her linen (thirty-seventh day); leucorrhœa increases (forty-fourth day); continued after menses (sixty-sixth day),[42].—Mucous discharge from the female urethra,[1].—(A brown ichorous offensive discharge during the menses ceases), (third month),[12].—Brown, slimy, offensive discharge, mixed with menstrual blood,[12].—[**1890.**] Discharge of yellowish-brown mucus from the female genitals,[12].—(The discharge of blood from the uterus mixed with corrosive, very offensive leucorrhœa, with migraine and difficult hearing, steadily improved from day to day), (first fourteen days),[12].—***Menstruation.*** The menses appeared about a week too early, and were associated with remarkable paleness of the face,[12].—Menses six days too late and much more profuse than usual, with thick black-clotted blood; the next time three days too early, remarkably scanty and pale; the next time preceded by violent pain in the abdomen, especially in the left ovarian region, eight days too early, very profuse, with many clots of blood, and with frequent painful pasty stools; after this they were quite normal,[12].—The menses always discharged more profusely when urinating, are of a black color, corroding the groins, followed for eight days by discharge of pale blood mixed with gray, with gnawing in the left side of the abdomen (ninth month),[12].—Menstruation profuse and dirty-colored, with pressure in the spleen, throbbing of the heart (second month),[12].—The menses, hitherto very painful and difficult, now flow very freely and without pain (sixth month),[12].—Menses become so profuse that on the third day large clots of blood passed, with trembling of the feet, anxiety about the heart, and vertigo,[12].—The menses recurred variably in the same woman during the action of a dose of Thuja; at times they were punctual and natural, at other times too early, at others too late, sometimes too profuse, sometimes too scanty, at times omitting entirely,[12].—Menses bright red, flowing in gushes,[12].—[**1900.**] Menses less corrosive and offensive than for a long time (after four weeks),[12].—Menses at first very dark, then watery, of a very bad odor,[12].—The menses at first dark and slimy, mixed with a watery discharge, then stopped for two days, with anxiety

and palpitation, then for three days a green and brown offensive ichor, with some offensive shreds of blood, gradually changing to a yellow and white slimy discharge; during the bloody discharge, now and then shaking chill and drawing in the feet, especially in the evening and at night, and burning in all the varicose veins (eighth month),[12].—The menses appeared more copiously and fresher than for years, and so remained (third month),[12].—The menses, hitherto pale, were now of a better red color,[12].—Menses bright rose-colored,[12].—Menstruation slimy, watery, with drawing pain in the small of the back and lower extremities, chilliness in the feet, and afternoon sweat,[12].—Catamenia very scanty, ten days earlier than usual (twentieth day),[76].—Menses in fourteen days very profuse and long-continued, with weakness, palpitation, and hammering in the head, tearing in the face, and a swollen cheek (fourth to eighth week),[12].—Catamenia appeared without any morbid symptoms, but lasted only one day (thirty-second day),[76].—[**1910.**] The menses came on without any trouble, after six weeks, for the first time in a chlorotic girl; they omitted the next time, at the subsequent period reappeared profusely, then omitted once, after which they were regular, while the general development kept pace and became more vigorous and blooming,[12].—Menses at their regular period, but weaker than ordinary (twenty-sixth day),[51].—Menstruation, which hitherto had been very profuse and long-continued, became normal; after four weeks, and then after varying in character for five months, became perfectly regular,[12].—The menses, that hitherto were frequently suppressed, became perfectly regular,[12].—Menses delayed, with isolated, profuse gushes of blood,[12].—Menses delayed, with pain in the nipples, and heaviness of the breast (after twelve months),[14].—Menses inconsiderable, and lasted only one day (fourth day); menses appeared, lasted only a single day, and consisted in the discharge of a small clot of black blood of the size of a hazelnut (thirty-sixth day); the menses lasted only one day, and consisted in the discharge of three clots of black blood of the size of a hazelnut (sixty-fifth day); menses somewhat greater than the last time, and lasted a day and a night (ninety-seventh day); menses lasted three days, and flowed as before the proving (one hundred and twenty-fifth day),[42].—Menses delayed four days, and less than usual (thirteenth day),[75].—Menses at times in six, again in seven weeks, then again at the right time, and profuse; but always at the right time there is profuse perspiration day and night, most profuse on the head, with weakness and heaviness of the lower extremities, distension of the abdomen, tightness of the breath, pains in the teeth and head,[12].—Menses weaker, irregular, at times every fourteen days, at times every four to five weeks, with sensitiveness and swelling of the left breast, in which there is a round indurated spot, which afterwards becomes smaller and gradually disappears (after second month),[12].—[**1920.**] The menses were suppressed, and in their place there was a watery discharge,[12].—The menses, usually very profuse and long lasting, now last only two days, and are very scanty, and the cessation is followed by a great rush of blood upward, with throbbing toothache, sleeplessness, and increased nervous weakness; the next time it is preceded by violent coryza, which affords relief; the menses appear as usual, more profuse, and lasting four days, with subsequent improvement,[12].—Menses at first very profuse, then suppressed for eight weeks, followed for three weeks by a constant discharge of blood mixed with mucus, with stinging burning-biting aching in the uterus, in the mother of several children,[12].—The menses, that had always been regular hitherto, now presented but a trace,[12].—The menses returned after they had ceased for over a year,

in an unmarried woman fifty-two years old (third month),[12].—Menstruation recurs after fourteen days, lasts two days, omits on the third day, with violent pains in the head and teeth, returns on the fourth day, with disappearance of the pain; three days later, sensation in the night as if the abdomen and chest were pierced by many needles, followed by pressure on the chest (eleventh month),[12].—The menses occurred after five weeks, light-colored, and very scanty, with pain in the abdomen and small of the back,[12]. —Eight days after the usual menses had ceased, discharge of blood reappeared, and lasted moderately for three weeks, associated with a corroding and biting leucorrhœa,[12].—The menses, that had long been absent, appeared, preceded by nosebleed, uneasiness in the lower extremities in the evening, so that she could not keep them still, with intermittent pressive pains in the abdomen, and itching in the skin over the whole abdomen, succeeded by well feeling,[12].—The menses appeared, with very violent pains in the back, chest, small of the back, and abdomen, distension of the pit of the stomach; the blood was very dark,[12].—[**1930.**] Menses accompanied by very painful forcing outward, as if something internal would fall out (this had never happened to her before),[12].—The menses come on with an unusual sick feeling, headache, blue nails, and general coldness, obliging lying down,[12].—Menstruation accompanied by constant pressure in the stomach, retching and distension,[12].—Menstruation preceded by most violent constrictive pressing, sore pains in the genitals, with most acute tenesmus, without stool; with a feeling of faintness, so that she was obliged to lie down, and then vanishing of consciousness, with convulsive throwing about of the head and right arm always to the right; on regaining consciousness, she felt icy cold and stiff all over, which lasted through the night in bed, and disappeared only towards morning, with general weakness, after which the menses began to flow and discharged as usual, only they were brown in color (thirteenth month),[12].—Menses accompanied with colic and convulsive weeping,[12].—Menses preceded by violent toothache, affecting generally the whole left side of the head; they lasted three days, and after intermitting for one day, continued for five days more, in the night, after which there was an attack of nightmare, with anxious compressive oppression of the chest, so that she could not move a limb (thirteenth month),[12]. —Very acute voluptuous excitement in the genitals, with increased leucorrhœa, quite contrary to her will and habit,[12].

Respiratory Organs.—Larynx and Trachea. Increased secretion of mucus in the larynx and trachea, at night (fiftieth day),[72].—Constriction in the region of the os hyoides after eating ices (fifty-eighth day),[73].—Dryness and crawling in the larynx, provoking dry tickling cough,[12].—[**1940.**] Pressure in the larynx,[79].—Sensation of burning and constriction in the larynx,[79].—Scraping in the trachea, obliging him to cough (third day),[68].—The trachea feels spasmodically constricted in the morning on waking, obliging him to rise suddenly and walk about, after which there is relief,[12].—Burning sensation through the whole trachea, with at times hoarseness, worse from 6 to 8 P.M.,[12].—Pressing sticking in the left side of the trachea, just below the larynx, worse on swallowing (after three hours and a half),[5].—Sticking in the trachea and region of the pit of the throat on breathing, for two days,[1].—***Voice.*** A feeling in the throat as if a membrane were over the larynx, which prevented singing, especially of the high notes,[12].—Hoarseness,[12].—Hoarseness and violent cough, with stitches in the left breast and left scapula (soon),[18].—[**1950.**] Hoarseness, in the morning and evening; in the morning bad-tasting expectoration,

followed by disappearance of the hoarseness, in a tuberculous patient (fourth month),[12].—Hoarseness and fluent coryza (towards evening), (after eleven hours),[8].—Hoarseness, as from constriction in the pharynx,[1].—Somewhat deeper and hoarser voice on awaking, in the morning (forty-first day); hoarse, with frequent inclination to hawk, during the lecture (sixty-ninth day); hoarse during the lecture, and throat so choked with mucus that he was frequently obliged to hawk (seventy-third day),[73].—Hoarseness, and secretion of mucus in the fauces, obliging him to spit (forty-third to fifty-second day),[42].—Roughness of voice,[35].—Voice often low and husky, especially in the cold,[12].—Voice weak, toneless, scarcely audible, for a long time,[12].—***Cough and Expectoration.*** Cough, which he regards as possibly caused by exposure to cold (after eight days),[77].—Cough, as if caused by pungent food, in the morning on rising (after twenty-five hours),[8]. —[**1960.**] *Cough, immediately after eating*,[12].—Violent cough, caused by tickling in the throat, for several mornings, lasting until the running of clear water from the mouth (sixth month),[12].—Constant cough at night on lying down, obliging to rise, which gives relief; cough also during the day as soon as he lies down,[12].—Awakened from sleep early in the morning by a catching cough, with expectoration of frothy saliva, even to nausea,[12].—Spasmodic paroxysmal cough with whistling,[12].—Paroxysms of incessant, racking, spasmodic cough, even to vomiting, with a catching drawing in of the completely expired breath, day and night, but worse at night, lasting a long time (fourth month),[12].—Constant dry irritable cough, even to vomiting, with short and difficult breathing,[12]. — Constant dry tickling cough, especially at night in the open air, after loud talking and laughing,[12].—Dry cough, with stitches in the larynx,[12].—The dry cough, the constriction in spots on the thorax and in the corresponding parts of the lungs (frequently returning, very irritating, and annoying, compelling frequent deep inspirations, and ameliorated by wine and beer), first entirely disappeared in the course of about eight weeks,[62].—[**1970.**] Dry, frequently returning cough, which rendered me so anxious about my health that I discontinued the experiment,[60].—Short and hacking cough (seventy-eighth day),[42].—Repeated short dry cough,[58].—Dry cough, increasing in a direct ratio with the duration of the experiment, becoming constantly more troublesome, and finally obliging me to lay aside the proving for awhile,[59]. —Frequent short dry cough (fourth and seventh days); frequent hacking cough (eighth day); frequent short dry cough, in the evening (tenth and eleventh days),[65].—*Whooping-cough*, in a grown girl,[12].—A paroxysm of fatiguing cough, like whooping-cough, beginning with hoarseness and tickling in the larynx, which made her cough all night, with violent scratching and burning in the throat, with a sensation as if it continually became tighter, increasing even to vomiting, with increased leucorrhœa, with itching burning and sore spots in the groin (twelfth week),[12].—The whooping-cough decidedly diminishes within three days, and entirely disappears on the ninth day,[12].—(The tuberculosis cough, dyspnœa, and wasting fever immediately diminish; the hitherto suppressed menses return normally, and the hitherto profuse leucorrhœa begins to cease for days, during the first four weeks, followed by undisturbed gradual progressive cure, in a young girl),[12].—Cough, with expectoration of mucus, when eating; after eating, cough, with raising of tough mucus,[60].—[**1980.**] Constant cough, with very profuse yellow, pasty, sweetish expectoration of mucus, *though without any difficulty in breathing*, in one convalescent from asthma,[12].—Cough, with expectoration of brown pieces of mucus,[12].—Cough, with ex-

pectoration of blood,[12].—Woke, in the morning, with great dryness of the nose, as in dry catarrh, soon followed by cough, with frothy, saliva-like, tasteless expectoration; the cough became worse and more fatiguing, associated with attempts to vomit, and ending with vomiting of mucus, at first tasteless, afterwards acrid and bitter; during the vomiting he broke into perspiration; during the cough there was a scraping-smarting feeling under the sternum, the whole paroxysm lasting half an hour; there remained for some time a tickling under the sternum, which caused cough for four or five minutes, with expectoration as before described (second day); spasmodic cough, with soreness and rawness in the chest, in the morning after waking (twenty-third day); tickling cough, with rawness and soreness beneath the sternum (twenty-sixth day); violent fatiguing cough, with expectoration of mucus, for three days (after twenty-six days); inclination to cough returns every night on waking, and also in the morning (twenty-eighth day); violent cough, in the evening, with pain beneath the sternum; expectoration of tenacious mucus with great effort (thirty-seventh day); fatiguing cough, with retching, hawking, and vomiting of mucus, at 11 A.M. (fifty-fifth day); cough, with vomiting of mucus and rattling (sixty-sixth day); expectoration of mucus mixed with blood, when coughing (seventy-eighth day); violent, fatiguing, spasmodic cough, in the morning on waking, which lasts more than half an hour, with expectoration and vomiting of mucus (ninety-fourth day); spasmodic cough every morning on waking, occasional paroxysms through the day, with tickling in the larynx (ninety-ninth day); fatiguing cough, with inclination to vomit, in three paroxysms; with the first, mucus ran from the mouth; after the third paroxysm he was obliged to hawk up mucus from the throat; frequently there were two attacks in succession (after six months); bloody mucus is expectorated with the cough (after six months),[13].—Short, dry, barking cough several times, in the morning (tenth day); at night, and on waking, several times, *short interrupted convulsive cough*, which is excited by an irritation in the larynx, and leaves an unpleasant dryness in it (twelfth day); on rising, considerable cough and roughnesss in the throat, disappearing by noon (fifteenth day); frequent cough, with raising of thick mucus, at night (twenty-third day); frequent *dry hacking cough* (twenty-fourth day); *frequent dry hacking cough*, in the morning (twenty-fifth day); during the day (twenty-sixth day); *frequent short, dry, interrupted cough* (thirty-first day); raising of tough mucus, in the morning (forty-fifth day); frequent dry hacking cough (sixty-fifth day); frequent coughing up of mucus (sixty-sixth day); frequent hacking cough, in the morning (sixty-seventh day); frequent short, dry, hacking cough (sixty-eighth day); frequent raising of mucus, leaving behind a feeling of sensitiveness in the larynx, in the morning after rising (sixty-ninth day); short, dry, hacking cough frequently comes on (seventy-first day); frequently a dry hacking cough (seventy-sixth day),[72].—Frequent dry hacking cough; afterwards, raising of mucus (eighth day); frequent dry hacking cough, two hours after dinner (twenty-second day); short, dry, troublesome cough, in the morning (twenty-fourth day); short, dry, interrupted cough, excited by tobacco-smoke, in the evening (twenty-eighth day); dry, short, hacking cough (thirty-first day); hawked up a thick tenacious mucus from the larynx, in the morning (thirty-third day); repeated coughing up of mucus (thirty-seventh day); slight raising of thick mucus (thirty-eighth day); frequent dry hacking cough on awaking, in the morning (forty first day); frequent coughing up of thick mucus, in the morning (forty-second day);

frequent coughing up and blowing from the nose of thick mucus, on awaking; frequent dry cough, in the evening (forty-third day); mucous cough, in the morning (forty-eighth day); frequent coughing up of thick mucus, in the morning (forty-ninth day); frequent cough, with raising of thick mucus, in the forenoon; short dry cough, in the afternoon and evening (fiftieth day); frequent raising of thick mucus, with slight cough (fifty-first day); coughed up mucus once or twice in the morning, and frequently in the evening (fifty-third day); frequent slight coughing up of mucus (fifty-fourth day); slight coughing up of mucus, in the morning; frequent short dry cough, after dinner (fifty-sixth day); frequently coughed up thick mucus (fifty-seventh day); thick mucus was thrown off by slight coughing (fifty-ninth day); coughed up thick mucus several times, in the morning (sixty-second day); a couple of short dry coughs (sixty-ninth day); for several days past he has noticed that, while he is smoking a cigar, seated at a table, he is obliged to cough, dry, and interrupted, which was usually not the case (seventieth day); inclination to cough, and burning in the throat on the left side, near the larynx, which afterwards extended towards the left ear, with more of a feeling of soreness (seventy-first day); frequent dry cough (seventy-third day); coughing, with raising of mucus (seventy-fifth day),[73].—Cough, with copious excretion of mucus, in the morning (seventeenth day); violent cough, with raising of mucus (eighteenth day); frequently coughed up mucus as thick as lard (nineteenth day); an attack of coughing, with raising of tenacious mucus, vomiturition, and strangling, towards noon; after this she felt ill and weak for half an hour, and had a return of more violent headache (twenty-first day); cough dry (twenty-fourth day),[76].—Hard white mucus loosens from the throat and is coughed up, which relieves the hoarseness,[12].—Frequent raising of mucus, with cough and reddened tonsils, without pain (seventeenth and eighteenth days),[46].—The expectoration on coughing begins to have a better taste, and at the same time the nightly ravenous hunger ceases,[12].—[**1990.**] Spitting of blood twice while walking (fifty-fifth day),[73].—***Respiration.*** Hurried breathing, at night (thirty-first day),[43].—Necessity of frequent deep breathing,[80].—Increased need of taking a deep breath on account of oppression of the chest (first day),[12].—Rattling of mucus, which is difficult to loosen, in the morning after waking, followed by vomiting of tasteless mucus (after twelve days),[15].—At times troubled by short breath, with tickling in the throat and hoarseness,[12].—Frequent attacks of shortness of breath (first day),[12].—Shortness of breath, associated or alternating with griping colic (second day),[12].—Shortness of breath and whistling in the throat, after every rapid movement and on going upstairs,[12].—**Short breath, at night;* necessity to assist by breathing deeply,[81].—[**2000.**] Difficult, almost panting respiration (eighteenth day); shorter breath than usual, with weight on the chest (twenty-second and twenty-third days); respiration very short on walking (twenty-fourth day),[76].—Constant difficult breathing,[12].—Difficult breathing, in the evening; on going upstairs he lost his breath (after three months),[15].—Difficult breathing (seventy-eighth day); with feeling of anxiety (eighty-fourth day),[42].—Difficulty of breathing when going upstairs, which lasted some time (seventeenth day),[26].—Before bedtime difficult respiration, with pressure on the chest, by reason of which she could not get to sleep for a long while (twelfth day),[75].—The respiration is not altogether free; the thorax is raised during inspiration with somewhat more difficulty than usual (seventy-first day); troublesome breathing (seventy-second day),[72].—Heavy oppressed respiration, with great desire for water

and much anxiety,[1].—Oppression of breath, in the morning, with wavelike movements in the whole præcordial region,[12].—Sudden arrest of breath; she jumps up on account of suffocative anxiety; the eyes protrude; she cries constantly "Ah! ah!" and will not say anything else; after awhile it passed off,[12].—[**2010.**] Constant suffocative anxiety, with much desire to urinate and incessant yawning,[12].—(*Asthma*, from which he had formerly suffered, returned in renewed paroxysms), (after three days after a dose of Thuja),[12].—Asthma, pressure, and heaviness beneath the sternum, worse when walking, an hour after dinner (seventy-ninth day),[13].—(In an old nightly asthmatic person the dyspnœa became less severe and more transient on account of the speedy appearance of cough and expectoration, so that the patient, who hitherto, in her paroxysms, could only sit up, could now lie down), (second month),[12].—Awoke at night from a quiet sleep of three hours, with a suffocating, whistling, tightness of breath, which lasted an hour (sixth month),[12].—(The asthma of a boy, nine years old, was at first, for two days, more violent and frequent, then became better and easier, until it entirely disappeared after three weeks; thereupon there followed, in the fourth week, swelling of the cervical glands, frequent colic, headache, cough, and a sore nose, then return to health),[12].—*Asthma;* at first he feels as if the breath were confined to the stomach, as if it would be twisted about; then, with every respiration, the abdomen is deeply retracted between the pit of the stomach and the navel, with suffocative pressure, loss of all power, and loss of breath, while, at the same time, the trachea seems filled with firmly adherent tenacious mucus, which cannot be raised by a spasmodic cough; these attacks become constantly more frequent, more violent, and more persistent, and during the first few weeks reach a hitherto unknown severity, with icy coldness of the feet and general weakness; after the fifth week improvement begins, the paroxysms being shorter, easier, and more infrequent, the expectoration and cough loosen, the sleep becomes quiet, and the strength returns; only at times more or less violent paroxysms alternate with freedom therefrom, until after four weeks more there occurs an unusually violent coryza, with fever and catarrhal cough, after the cessation of which the asthma seems to have disappeared entirely; since that time a slight attack has occurred only occasionally, though every evening, from 5 to 6 and from 10 to 11, and at 3 A.M., there returns difficulty of breathing, with whistling rattling in the trachea, but always very transient, and when coughing, anxiety, until, in the twelfth week, the glans penis and the urethra become red, inflamed, and swollen, with burning, itching, and sticking, and with the appearance of small, sore, white, superficial, suppurating spots and condylomatous growths, with a gonorrhœal discharge, *without having been exposed to contagion;* this latter trouble returns again and again, at times for six months, disappearing of itself, at first in nine days, then in five to three days, and at last in twelve to twenty-four hours; **and keeping exact pace with this gonorrhœal attack** (only interrupted by two coryzas), the asthma, which had been most severe, and had proved intractable to every effort and incurable, and apparently nearly killing the patient, disappeared, with uninterrupted improvement, until the patient became perfectly well and the health was permanently restored,[12].

Chest.—(In far-advanced tuberculosis of the lungs a dose of Thuja gives great relief, by the evacution of large masses of pus, by means of cough, diminishes the nightsweats, and restores the lost appetite),[13].—(The tuberculous ulcers discharged from the lungs by means of paroxysmally

recurring vomiting of their contents), (fourth month),[12].—Orgasm of blood to the chest, with anxiety, preventing falling asleep, as in a threatened hæmorrhage, at night, and repeated the following day, together with flatulent distension of the abdomen (third day),[12].—[**2020.**] An anxious uneasiness deep in the chest, between the heart and the liver, as from blood rushing through the large vessels (third month),[12].—A peculiar feeling of weakness in the lungs,[12].—Feeling of weakness in the chest (eleventh day),[23]; (sixteenth day),[26 27].—Weak feeling in the chest, with pressure under the sternum and difficulty of breathing, especially when going upstairs (seventeenth day),[26].—On deep breathing it seems very difficult to expand the chest, especially in the lower portion, in the region of the stomach, with an itching irritation through the whole trachea,[12].—Tension from the first false ribs to the left axilla, especially on raising the arm (after one hour),[11].—Painful tension in the whole chest, when inspiring deeply,[81].—Tightness now in the left chest, now in the left hypochondrium, which provokes a hacking cough,[1].—Tightness of the chest, frequently obliging to take a deep breath,[1].—Constriction of the whole chest, so that she weeps,[12].—[**2030.**] Feeling, when laughing moderately, as though the thorax were strongly compressed, with shortness of breath (fourth day),[84].—All the diameters of the chest seem shorter,[81].—In some spots a feeling as if the thorax from without, and the corresponding portions of the lungs from within, were strongly and durably constricted, a feeling which returned frequently and strongly, especially during rest, induced frequent deep sighing, and annoyed me not a little,[62].—Slight constriction and compression of the lower half of the chest (seventy-first day),[73].—Sensation as if the lower part of the thorax were surrounded by a bandage, at noon, disappearing in the afternoon (sixty-fourth day),[72].—Sensation as if the chest were distended from within,[1].—Sensation of want of pliability of the thorax and of insufficiency in the inspired air,[81].—Oppression of the chest,[80]; (eighth day),[21].—Compressive oppression of the chest, extending even into the throat, and arresting the breath,[12].—Oppression, with heaviness of the chest, and a sensation as of an inner voice calling "Woe, woe!"[12].—[**2040.**] Oppression of the chest, as from an internal adhesion (after a few hours),[1].—Oppression under the sternum, with a bruised sensation in the chest (fifteenth day),[27].—Oppression of the chest, with difficult respiration, and slight pain in the anterior surface of the stomach on taking a deep inspiration, as though from external pressure, at noon, before dinner; symptoms gone in the afternoon (seventeenth day),[73].—Oppression in the lower part of the thorax (sixty-eighth day); oppression of the chest (after one hour, seventy-second day),[72].—Slight oppression of the chest, with inclination to cough (fifteenth day); oppression of the chest, with some pain on inspiring (fortieth day),[52].—With the cough, oppression of the chest, which seemed somewhat to embarrass the breathing (sixteenth day),[46].—Heaviness on the chest (soon),[18].—Heaviness of the chest, so that he was scarcely able to talk (soon),[18].—Feeling of weight and frequent cramplike constriction in the chest,[59].—Weight on the chest (thirteenth day),[21].—[**2050.**] A feeling of fulness and of being bruised in the chest under the sternum, in the forenoon; he had observed this for several days past (seventh day),[24].—Soreness all about the whole thorax, is constantly obliged to take a deep breath,[12].—Soreness in the chest, externally, like bruised spots (purpura),[12].—Sensation of soreness in the chest, with increased coryza (forty-first day),[44].—Sensitiveness of isolated spots on the thorax,[59].—Spots here and there on the thorax and extremities, painful as from a thrust, and especially during

movement,[62].—Pain as if the parts were sore, in the region of the ribs, on touching them (thirteenth day),[65].—Cramp in the chest, extending from the toes along the whole right side up to the chest, and there interrupting the breathing for a longer or shorter time,[12].—Pain in the chest, with now and then a taste of blood,[12].—General pain in the chest, at night, provokes loud groans,[12].—[**2060.**] Violent pain in the chest, arresting the breath and preventing motion, with cough and coryza (third month),[12].—Pressure upon the chest (thirty-ninth day),[16]; after eating,[1]; transitory (nineteenth day),[73]. —Attacks of pressure on the chest about the axillæ,[1].—Pressing on the chest, with difficult breathing and sticking in the side, on going to bed (seventeenth day),[76].—Pressing towards the back, in the chest, with oppressed breathing, in the evening (fourteenth day),[66].—Pressive, tensive feeling in the lungs, that became more perceptible and sticking, on taking a deep inspiration (twenty-ninth, thirtieth, and thirty-first days),[52].—Pressing pain in the whole upper part of the chest, much more violent on pressure,[80].—Violent pressure as from a heavy weight in the middle of the chest, not impeding respiration (while sitting), (after a quarter of an hour),[5]. —Increased tensive pressive pains in the chest, as if it were tightly constricted by a band stopping the breath, with great weakness and trembling, obliging one to lie quietly stretched out,[12].—Pain like a pressure in the chest, worse after eating,[1].—[**2070.**] Cutting pains through the chest in different directions,[82].—Often tormented by a very painful tearing drawing in the left side of the chest, in the neighborhood of the fifth and sixth ribs; this pain appeared when standing and sitting, disappeared when moving, and was rather diminished than increased by a deep inspiration (fifteenth and sixteenth days),[56].—In the morning, on waking, the upper part of the body felt bruised, so that he could not move, could not turn over in bed on account of stitches and pain in the chest, which disappeared on rising (fifty-seventh day),[13].—Sensation as though he had sprained or injured himself by lifting a heavy weight, in the left side of the chest, close to the pit of the stomach (after six hours and a half),[5].—Bruised sensation in the chest, in the afternoon (ninth day),[26]; (thirteenth day),[24].—Scraping in the chest, forcing him to cough (soon, second day),[68].—Feeling of heat in the whole chest,[79].—The chest smarted internally, as if sore, especially during the dry cough, which appeared from time to time,[62].—Burning aching over the whole chest and abdomen, with violent stitches in the left side, making it difficult to breathe, with tympanitis and cough, with expectoration of gray, gelatinous, salt pieces,[12].—Burning in isolated spots under the skin, particularly on the right side of the chest (sixty-second day),[73].—[**2080.**] Burning externally over the lower ribs of the right side (seventieth day),[73].—Transient stitches in the chest,[12].—A single stitch through the lower portion of the lungs, from behind forward. This was accompanied by a bruised sensation in the chest, with dulness of the head, sad mood, and discouragement, being the same in the open air and in the room (thirteenth day),[24].—Vague stitches in the left lung,[80].—Transient stitch, pains on both sides of the thorax, extending to the armpits (seventy-first day),[73].—Succeeding sneezing, there was very violent sticking in the lower part of the right lung, lasting from 3 till 11 P.M., when, although very severe before, it disappeared at once; this sticking was greatly aggravated by sneezing, deep breathing, and coughing (not by movement), (thirteenth day),[65].—Sudden stitches in the chest at times, which took away his breath, so that he was obliged to rub vigorously, which removed the sticking (after six months),[13].—Violent, dull, intermittent stitches in the chest, extending in-

ward from the left axilla (after twelve hours),[4].—Stitches like lightning transversely through the chest,[82].—Several stitches coming from the interior of the chest (first day),[84].—[**2090.**] Violent pulsation in the chest, felt over its whole surface,[12].—***Front and Sides.*** Pressure under the sternum,[79].—Pressing in the middle of the sternum, at 6 P.M. (eighth day),[65].—*Pressing* in a small spot under the *sternum*, which gradually extended to the scrobiculus, in the afternoon and evening (eleventh day),[72].—Pressing and fine sticking under the sternum (first day),[86].—Pressure on the sternum, not affecting the respiration (first day),[83].—Constant pressure in the middle of the chest, with sticking pains during the attempt to inspire deeply,[80].—Pressing in the middle of the chest upward into the neck, causing difficult respiration,[80].—Pressure upon the sternum, in the afternoon, after smoking, so that he could not breathe freely; at night, three times violent pressure on the sternum, which woke him, lasting only a few seconds (sixty-third day),[13].—Annoyed through the whole day with a crawling, pressive pain in the left side of the sternum, which was confined to a spot about the size of a dollar, remained the same in rest or motion, and finally left a feeling as though the spot were sore (nineteenth day),[56].—[**2100.**] Painful oppression under the sternum (increased by deep inspiration) and in the inguinal region,[65].—Knocking in the chest under the sternum, extending to the sacrum, when lying on the back,[80].—Very violent spasmodic pain in the sternum, on waking, as if everything in it would be screwed together with screws; after lasting half an hour it was followed by choking cough, ending with vomiting of white frothy saliva (eleventh month),[12].—A peculiar pain in the middle of the chest, close to the left side of the sternum, in a place as large as a half dollar, as if beaten with violent blows of a hammer, worse at night (fourth week),[12].—Anxious gnawing in the middle of the chest,[12].—Troublesome clawing in the sternum, about 2 P.M. (seventh day),[65].—Repeatedly during the day a cutting pain perpendicularly through the middle of the chest, from below upward, as far as the pit of the throat,[79].—Cutting under the sternum, which embarrasses the respiration (second day),[84].—Slight *burning* under the sternum (third day); continued burning along the whole length of the sternum (eighth day),[21].—Dull sticking pain near the lower part of the middle portion of the sternum, on the right side (fourth day),[84].—[**2110.**] A painless swelling of the bone of the left sixth rib diminishes in size during the first six weeks, and gradually disappears entirely during the next six months, in a chlorotic, rickety girl of fourteen years, and at the same time the spine, previously curved to the left, became straight and firm,[12].—Pressing in the right side of the chest, all the afternoon, accompanied in the evening with sticking, which extended into the sacral region (fifteenth day),[76].—Pressing in the left side of the chest, in the evening, relieved after a stool (sixteenth day),[76].—Pressing in the left side of the chest, particularly troublesome in the region of the fifth ribs (sixteenth day),[67].—Pressing in the left side of the chest (fifty-seventh day),[72].—Pressing in the right side of the chest, particularly noticeable when breathing deeply, and when bending the body (fourth day),[64].—Pressing to the left under the short ribs (fourth day); the pressing pain appeared at the lower extremity of the right side of the chest, after getting up; it was somewhat violent at first, but decreased very much during the day, without, however, entirely disappearing (fifth day),[64].—A sudden thrust from before backwards in the right half of the chest, in the forenoon (first day); a return of the chest pain, but in the left half (second day),[56].—A bruised pain in the right chest beneath the arm (after three

hours and a half),[5].—Pinching pain in the region of the fifth and sixth ribs,[11]. —[**2120.**] Tearing in the clavicle, making respiration painful,[13].—Cutting from below upward on the right side near the sternum (first day),[83].—Cutting in the right side of the chest, extending from the sternum to the right elbow (second day),[84].—Stitches in both sides of the thorax under the mammæ, both during respiration and when not respiring (third day); afterwards these stitches often returned, and did not seem to be connected with the respiration,[45].—*Sticking* in both sides of the chest (first day),[79].—Sticking, causing soreness, in the sternal end of the clavicle,[12].—Very painful stitch on the right side, near the sternum, on the fourth true rib, repeated in only one spot (first day),[83].—Sticking on the right side near the middle portion of the sternum (first day),[84].—Sticking in the region of the fifth true rib on the right side (first day).[86].—Single stitches in the lower half of the right side of the chest (eighth day),[73].—[**2130.**] Flying stitches on the right side near the sternum, for a quarter of an hour, at noon; these stitches had this peculiarity, that instead of being aggravated, they disappeared on a deep inspiration, and returned again only on the succeeding expiration (sixty-second day),[72].—Sticking at one time in the right, at another in the left side of the chest (first day),[70].—Sticking in the middle of the right side of the chest, near the sternum (after a quarter of an hour),[83]. —Some painful stitches in the side of the chest, within, after sneezing, at 4 P.M. (fifteenth day); very severe stitches in the lower part of the right side of the chest, at 6 A.M. (sixteenth day),[65].—Sticking beating in the middle of the right side of the chest,[79].—A crawling sticking in the right chest (after three hours),[3].—Stitches in the whole left side of the chest, as if pierced through the outer portion to the scapula,[12].—Acute sticking in the left upper half of the chest, in the forepart, extending to the scapula, with a sensation of swelling and some redness of the skin,[12].—Violent stitches in the left side of the chest, which frequently returned throughout the day (third and fourth days),[69].—A repeated violent stitch in the left side of the chest, in the evening (seventeenth day); a violent stitch in the left side of the chest, increased by inspiration, in the evening (twenty-fourth day),[46].—[**2140.**] Two flying, very painful stitches low down in the left side of the chest, late in the evening, when going home (sixty-first day),[73]. —Several stitches periodically in the left side of the chest, apparently deep in the pectoralis major muscle (fourteenth day),[31].—Stitches in the left side, about the heart,[12].—Sticking in the left side of the chest (within two hours); all the forenoon (tenth day),[71].—Painful stitches in the interior of the left chest,[80].—Pressing dull stitches in the left side of the chest, alike during inspiration and expiration (after one hour),[10].—Several throbbing stitches in the left side of the chest (after two hours),[10].—Dull sticking in the left side (of the chest), near the middle of the sternum,[84].—***Mammæ.*** Small indurations develop in the left breast close to the nipple, in a girl of eleven years,[12].—The indurated spots in the breast become larger and more sensitive, with at times constrictive stitches in them, followed by a sore sensation over the whole area, and gradual disintegration and disappearance of the indurations,[12].—[**2150.**] The left female mamma becomes hard,[12].—Drawing pains, with swelling of both breasts,[12].—An ulcer on the right nipple, with violent pain in the whole breast,[12].—An indurated spot in the left breast, of a young grown-up girl, becomes sensitive, with tension in the breast as far as the axilla, at the same time the whole left side of the neck, from the ear down, becomes filled with glands as large as hazelnuts (twelfth week),[12].—Tensive sticking aching in the left female mamma,[12].—

Sensitiveness and heaviness of the breasts after the menses, with cutting pain in the nipples, which were surrounded by a brown areola, as in pregnancy (after twelve months),[14].—Feeling, when seated, as though the breasts were compressed, from before backward, aggravated by stretching the body,[80].—Pressing in the left breast, after the sensation in the lower lobes of the lungs, especially when breathing deeply (sixth day),[66].—Constant painful pressure from within towards the nipple,[80].—A double stitch in the breast (sixth day),[46].—[**2160.**] Very painful stitch through the upper part of the left breast, from before backwards, which immediately disappeared, and left a feelng of twitching in the spot,[79].—Temporary stitch in the lower half of the left breast (fourth and twelfth days),[46].—Stinging itching on the breast, and on both sides of the neck, towards noon (eighth day),[44].

Heart and Pulse.—Præcordia. Frequent feeling of faintness at the heart, relieved by warmth, with nausea and a peculiar pain, as if a number of threads were tied together in one spot, as large as a half-dollar, about the heart, and were painfully stretched with every respiration,[12].—Pressive anxiety rising to the heart like a rush of blood into it; as this accumulation recedes from the heart there remains a slight painful sensation at this point, from which it disappears as after an unusual distension,[12].—The heart is drawn downward toward the left side, as from a weight hanging upon it, with whizzing in the head,[12].—In the region of the heart a small spot, sensitive to touch, with pain as if sore (fifth day),[57].—*Cramp in the heart;* in the forenoon he is suddenly attacked by a cramp which affects the whole hypochondriac region with tightness, even to arrest of breath, causing anxiety, without any loss of breath, with extremely painful surging, congestive squirming, warm sensation in the middle of the distended and tense pit of the stomach, extending through the spine, as if the circulation in the large bloodvessels were stopped, with imperceptible, very irregularly intermitting, and tremulous beating of the heart, and a similar pulse, with paroxysms of anxiety and fear of an attack of apoplexy, obliging him to jump up suddenly and to move about in a dizzy paralytic way; after lasting three hours, disappearing gradually, with most violent, almost uninterrupted eructations of air and much flatulence, though the congestive cramp at the heart still continues the next day, but in the evening, while sitting still, it was associated with violent pain in the back, and after a restless night's sleep, with much tossing about, there remained a suppressed, irregular, intermittent pulse and action of the heart, which only gradually improved (fifth month); since that time similar paroxysms recur for a long time at shorter or longer intervals, mostly in the eveving, sometimes in the night, seldom lasting all day, allowing one to lie only on the back at night, and always aggravated when he lies on the side; with frequent and profuse micturition, and with a very sunken, pale-gray expression of the face. During the thirteenth month there occurs a somewhat different attack of "heart cramp;" after an uneasy sleep an oppressive anxiety about the heart in the morning, with a quite suppressed, small pulse, intermittent and irregular, for a long time, with a tremulous feeling within the heart, imperceptible beating of the heart, obliging him frequently to gasp for air, with a feeling as if he would suffocate, though he could take a deep breath, with dizzy confusion frequently rising into the head, obliging him to rise and walk about, with deep, pressive aching in the pit of the stomach, which is distended, with enormous eructations of gas from the stomach, the emission of which affords relief; all this in-

creases constantly during the forenoon, begins to diminish somewhat towards noon, and only ceases entirely in the evening with emission of flatus and return of the normal pulse. The whole attack was repeated on the fourth day, but was less severe, then again on the seventh day, in the evening, always beginning with spasmodic accumulation of gas in the stomach and intestines, arrest of the circulation, passing off with eructations of gas and relief,[12].—Pain in the region of the heart,[1].—Constant pressive pain at the heart, with violent beating when lying on the left side at night,[12].—[**2170.**] Transient feeling of pressure in the heart (eighth day),[73].—Very disagreeable pressing in the region of the heart, confined to a small spot, in the evening (sixty-fourth day),[72].—A transitory pressing and tension in the heart, in the forenoon (sixty-fifth day),[72].—Sensation of falling drops in the heart felt through the whole heart into the chest,[12].—Twitching pains under the heart,[82].—Tearing pains in the region of the heart, and from there into the left scapula, in the open air (fifth day),[84].—Sticking pains in the region of the heart,[80].—Sticking in the heart, with a hot, burning sensation in it, and then throbbing in the heart, causing anxiety and depression of spirits,[12].—Stitches in the cardiac region,[79].—Sticking burrowing in the region of the heart,[12].—***Heart's Action.*** [**2180.**] Momentary palpitation of the heart (seventy-eighth day),[42].—Palpitation on moving and stooping,[12].—Palpitation, with want of air, so that talking is difficult,[12]. — Anxious palpitation, after smoking part of a cigar (sixty-third day),[13].—Palpitation in frequent paroxysms, recurring at irregular intervals; it begins with uneasiness and whirling in the whole body, followed by some beating in the chest, difficulty of breathing, with paleness of the face, then throbbing of the heart, so that she can neither sit nor lie, but is obliged to walk about,[12].—Beating of the heart at night, and throbbing of the pulse in the forehead, and twitching in the face,[12].—* *Visible palpitation, without anxiety*,[1].—Violent beating of the heart in the morning when washing, disappearing during the day, suddenly returning in the evening with great anxiety, so that she did not know what to do, with heat and rush of blood to the head, dark-red face, followed by shaking chill with cramp, the next morning after which she still felt dizzy and confused (fourth month),[12].—Paroxysmal loud pulsation in the heart, at times interrupted by a violent extra sound, with intermittent pulse and with difficult breathing,[12].—In no position of the body, whether sitting or lying, could he feel the pulsation of his heart; after a quarter of an hour he experienced a trembling of the heart, which recurred for a quarter of an hour, with anxiety (seventh night),[57].—***Pulse.*** [**2190.**] Accelerated pulse (twentieth and sixty-fourth days),[45].—Pulse 120, full and hard, in the evening (twenty-second and twenty-third days); feverish pulse, with headache in the evening (twenty-third day); pulse moderately accelerated, full and hard (twenty-fifth day),[76].—Full, quick pulse during the access of heat (thirty-fifth day),[46].—Pulse weak, fell below 60 (after four days),[11].

Neck and Back.—Neck. Swelling of the veins in the neck, extending downward from the ears, with pressure,[12].—The thickness of the neck increases, and nodular glandular swellings become very hard,[12].—The neck appears swelled, so that the loose neckcloth is troublesome (twenty-second day),[73].—The cervical vessels are distended and blue,[1].—The skin of the nape of the neck is fatty,[12].—Creaking in the cervical vertebræ on making certain movements with his head; this symptom had already been frequently observed without particular attention being paid to it, but today it was troublesome in a much greater degree (fifty-second day),[73].—

[2200.] Painful *stiffness of the nape of the neck* when moving the head, in the afternoon (ninth day),[26].—*Sensation of stiffness in the nape of the neck and on the left side of the neck, extending into the ear, even during rest, which in no way impedes movement of the neck* (the stiffness is not aggravated on moving the neck), (after two hours and a quarter),[5].—Feeling of stiffness on the left side of the nape of the neck, which had been already perceived during the first days of the experiment, but had been attributed from the beginning, by the prover, to an uncomfortable position in bed (tenth day),[46]. —Drawing *tension in the nape of the neck* (more on the left side), recurring several times (eleventh day),[23].—A painful *tension in the right side of the nape and in the small of the back* (seventh day); slight tension in the *left side of the nape* (eighth day),[31].—Painful tension in the left side of the neck, darting upward to the occiput and downward to the scapula, and preventing her from turning her head (third day); the tension seemed to remit somewhat (fourth day); the tension diminished, but did not altogether cease on the days when she took no medicine; still occasionally sensible, especially in the morning (fourth day); diminished only very slowly, and then suddenly set in again, and first completely vanished at the expiration of three months,[51].—As soon as he awoke he felt an extremely disagreeable, painful sensation in the *nape of the neck*, close to the occiput, as if he had been *lying on a hard couch*. In the course of the day this pain spread over the whole right side of the back, as if the muscles in that part of the body were *sprained*, and was felt especially when bending the head forward, and raising the right arm; in the evening the pain moved more into the region of the right shoulder and neck (third day); on bending the head forward, a sensation, as if the muscles were *too short*, and as if the pain was caused by the tension of the muscles; the pain continued the whole day, accompanied with *whizzing* and *buzzing* in the right ear (fourth day); shortly after taking the drug the pain in the nape of the neck, shoulder and back was increased to such an extent that the raising of the right arm and carrying the hand behind the head caused the most exquisite pain. He was unable to bend the head forward or to turn it; in order to accomplish this he had to move the whole upper part of the body. The pain was a sort of *tumultuous digging*, as if the muscles had been crushed, and as if a gathering were taking place in the subcutaneous and intermuscular areolar tissue (fifth day); painful *drawing* in the *left posterior cervical region*, close to the occiput, alternating with a similar pain in the right *frontal eminence*, at 11.30 (twelfth day),[52].—Pain in the left side of the neck, as from a hard bed, or as if he had lain in an uncomfortable position,[1].—Pain, as from a saddle across the nape of the neck, shoulders, and on the spine,[12].—Pain in the nape of the neck (within two hours),[71].—[2210.] Sensation in the nape of the neck as if beaten to pieces (after three hours),[3].—Pressing and drawing pain, extending from below upward, in the right side of the neck, even during rest (after two hours),[10].—Drawing pain in the neck, with fulness in the head, in the afternoon (sixteenth day),[27].—Drawing in the left side of the neck, in the evening before going to sleep (fourth day); immediately after getting up, and lasting till afternoon (fifth day),[65].—Drawing in the left side of the neck, on waking in the morning (eighth day),[66].—Slight *drawing in the nape*, and repeated sticking from the nape to the right ear and shoulder, in the evening (sixteenth day)[72].—Sticking-tearing pain in the muscular parts of the right side of the nape of the neck, in the evening, extending as far as the scapula (continuing only a short time, but returning several times with considerable

violence), (first day),[33].—A digging-tearing pain in the muscles of the right side of the nape of the neck, extending momentarily as far as the right scapula, and being relieved by contact, accompanied by roaring in the left ear, and creaking when swallowing saliva, in the evening (fifth day),[33].—Uneasiness, or alternations of slow pinching and relaxation in the cervical muscles, nape of the neck, and in the chest, associated with a kind of nausea,[1].—Slight tearing in the nape (after two hours),[73].—[**2220.**] A couple of transient tearings in the tendinous expansion, on the right side of the neck (sixteenth day),[73].—Tearing in the third cervical vertebra, so that it is difficult to turn the head,[12].—Tearing, extending from the neck into the ear, behind the ear into the shoulders, arms, and hands,[12].—Violent tearing in the nape, which extended into the shoulder, and there remained all day (twenty-fourth day),[76].—Throbbing in the arteries of the neck, with pressure in the throat, hindering breathing,[12].—Burning-cutting pain in the nape of the neck, extending down to the shoulders,[12].—Sticking, cutting pains in the left side of the neck, as far as the left ear, which soon disappeared again, in the morning (thirty-fourth day),[44].—Sticking pain in the forepart of the neck, beneath the larynx (after nine hours),[10].—Sticking in the nape, over the joint of the atlas, lasting half an hour, in the evening (seventy-first day),[73].—A pinching stitch in the right side of the neck, disappearing on moving and turning it (after three hours and a quarter),[5].—[**2230.**] A short stitch in the cervical muscles on moving the neck, making him start,[1].—***Back.*** The whole back is sore, with stiffness in the nape of the neck,[12].—Sensation of stiffness in the spine, as after standing bent over for a long time (after thirteen hours),[5].—A sore bruised sensation in the back, on both sides of the spine, in the region of the kidneys,[12].—Sore feeling on the back (after four days),[1].—Pain in the back, as from long stooping, in the evening, immediately after lying down (after sixty-six hours),[8].—Heaviness and tension in the back (first day),[87].—Feeling as if bruised in the back (second day),[88].—Pressive pain in small spots, here and there in the back, while sitting,[1].—Pressure in the back and spasmodic drawing inward of the abdomen, below the pit of the stomach, so that breathing was very difficult, together with constriction of the larynx, and ineffectual desire for stool, with great crawling in the anus, always after eating,[12].—[**2240.**] Deeply pressive pain in the back, opposite the pit of the stomach, with a sensation as if the blood could not pass through,[12].—*Drawing pain in the back while sitting,*[1].—A *drawing* along the vertebral column and in the calves, with a feeling of weakness in the feet (first day),[28].—Boring in a small spot in the back,[1].—Boring-tearing pain in the back, extending into the left hip and obliging him to limp,[12].—Cutting pain from the spine to the pit of the stomach,[80].—Sudden lightning-like shootings in the back, with stupefying pain in the head, like intoxication, and faintlike weakness (after fourteen days),[12].—Burning-sticking pain in the back, between the scapulæ, while sitting (after thirteen hours),[10].—Violent sticklike pain in the left side of the back, by the lumbar vertebræ, while walking, not affected by sitting (after ten hours),[8].—Pressing stitches in the back (after three hours),[10].—[**2250.**] (A stitch in the back, extending outward through the chest),[1].—A beating in the spine, as though a large vessel were pulsating, after sitting (after six hours and three-quarters),[5].—***Dorsal.*** Weakness in and between the shoulders, so that the clothing is distressing,[12].—Painful soreness in the middle of the back (third day),[87].—Pressure in the back, beneath the scapulæ, associated with pressive constrictive cramp in the stomach,[12].—Press-

ing between the shoulders (after second day),[71].—Feeling of dislocation in the middle of the spine, increased by sudden bending the body to the right side,[79].—Violent pressing between the shoulders on awaking (third day),[70]. —Drawing in both scapulæ, in the direction of the *nape of the neck;* in both legs, from the knees to the malleoli; and at the same time in both forearms, from the elbows to the wrist-joints; these symptoms appeared usually three to four hours after taking the drug, and lasted ten to sixteen hours (seventh to twelfth day),[25].—A constrictive feeling in the back, between the scapulæ, which somewhat hindered respiration and also motion of arms (fifteenth day),[74].—[**2260.**] Drawing between the shoulders (seventy-second day),[72].—Pain, like a bruise, beneath the scapula, for several hours,[1].—Twitching in the muscles under the left scapula (first day),[83].—Burning between the shoulders,[12].—Boring in the back between the shoulders,[12].—Tearing in the left scapula (after three days),[1].—Dull cutting under the left shoulderblade,[80].—Cutting from the point of the left scapula through the chest to the edge of the middle portion of the sternum (first day),[84].—Sharp stitches between the scapulæ (after half an hour),[6].—Sticking on the left scapula (within two hours),[71].—[**2270.**] Sticking between the shoulders,[12].—Frequently flying stitches under the right shoulderblade (seventh day),[68].—***Lumbar.*** Weakness in the small of the back, with pain in the coccyx, while sitting (fourth day),[14].—Great debility in the small of the back and feet (sixteenth day),[26].—Pain, as if beaten, in the small of the back, worse when stooping or rising from a seat (after six months),[13].—Pain, as if beaten, in the small of the back, with great weakness, extending to the tip of the coccyx,[12].—Pains in the small of the back (after five hours, third day),[68]; (within two hours),[71].—Pain in the small of the back, like lumbago, lasting a long time,[12].—Pain in the small of the back, extending obliquely to the right side,[12].—The lumbar vertebræ are somewhat painful when leaning forward in sitting (forty-eighth day),[72].—[**2280.**] Painful aching in the small of the back, even to weeping, so that she felt every step and every loud word, and as soon as the pain mounted to the next to the last dorsal vertebra she was attacked with faintness and everything became white, but she was unable to move, till she suddenly started up and was obliged to stretch, with anxiety and difficult breathing, during profuse menstruation (seventh month),[13].—Sudden cramp-like pain in the small of the back if he moves his feet after standing a long time at one spot; he threatens to fall down (after six days),[11].—Pressive aching transversely across the back between the hips,[12].—Pressing in the small of the back (third day),[68].—Pressive sensation of heaviness extending down from the back to the malleoli, making it difficult to walk,[12].—Pressing pain in the small of the back on stooping,[3].—Dull pressive pain, like a bruised sensation, in the small of the back and lumbar region, in the morning after rising from bed, aggravated while standing and on turning the body, relieved while walking (after fifteen days),[1].—Drawing pressing pain in the left lumbar region (after half an hour),[10].—*Drawing in the small of the back,*[1].—Drawing in the small of the back (aggravated while seated), (eighteenth day),[76].—[**2290.**] Drawing in the lumbar muscles while walking, at noon (forty-seventh day); drawing again in the loins, at noon (forty-eighth day); drawing from the loins towards the nates, in the morning on rising (fiftieth day); slight drawing in the small of the back, at noon (seventy-sixth day),[72].—Tensive pain in the small of the back,[1].—Burning in the lower portion of the back increasing to a sensation as if pierced with fine needles, frequently associated with a

sensation in the thighs while walking, as if all the tendons from the small of the back to the knee were too short (fourth month),[12].—Sensation of burning heat in the lumbar region (after one hour),[10].—Burning pains ascending from the ischii through the whole spinal column to the shoulders,[12]. —Sensation of formication in paroxysms commencing in the small of the back,[12].—Pains in the lower half of the spinal column and in the sacrum, continuing and aggravated by bending the body (twenty-fourth day),[77].—Very violent cutting in both loins when walking (second day),[84].—Frequent attacks of a painless twitching in the back, towards the left loin, like a muscular twitch, at 2 P.M. (twelfth day),[32].—While standing and leaning sideways he feels a dull sticking pain, as with a dull needle, over the hips, in the lumbar region, close to the spine (after a quarter of an hour),[5].—***Sacral.*** [**2300.**] Spasmodic drawing from the coccyx into the genitals, preventing the discharge of urine,[12].—**Painful drawing in the sacrum, coccyx, and thighs while sitting, which, after sitting a long time, prevents his standing erect* (after four hours),[11].—Violent drawing and pressing in the sacral region for two hours in the forenoon (seventh day),[56].—Uncommonly violent stitch between the *coccyx and anus*, at 7 P.M., when walking (ninth day),[71].—Sticking pain on the left side, from the sacrum to the left testicle (fifth day),[84].—A jerklike burning sticking in the right side, close to the sacrum, entirely removed by violent rubbing (after three hours and three-quarters),[5]. —Pressing stitches from the sacral bones into the side of the pelvis (after seven hours),[10].—A burning rubbing on the coccyx, more while sitting than walking, with a constant feeling of coldness in the right foot, mostly in the sole, lasting eight days, followed by general weakness (second month),[12].—Violent itching in the lower part of the sacral region (sixteenth day),[67].—Annoyed by an itching-burning pain in the hollow below the os coccygis, soon after waking, and lasting all day; it recurred after the dose in the evening (third and seventh days),[49].

Extremities.—[**2310.**] **The nails of the fingers and toes become wavy and dry, so that they partly crumble*, alternating from time to time with a healthy growth until the latter becomes permanent,[12].—**Numerous hangnails* (after fifteen months),[13].—(The paralyzed right arm and foot felt more vigorous and muscular, with generally increased vigor),[12].—General uneasiness and stretching of the limbs, soon after the dose (twenty-fourth day),[72].—Jerking of the limbs before falling asleep and during rest,[12].—**Trembles in hand and foot* (twenty-fourth day),[76].—Stiffness and heaviness of all the limbs,[11].—Great weakness in all the limbs, in the afternoon while sitting (after thirteen hours),[8].—The shoulders and thighs are very weary; these parts seem bruised, as after great fatigue,[1].—Debility of the limbs, as from weariness (twentieth day),[43].—[**2320.**] Cracking in the joints of the elbows, knees, and ankles when stretching out the limbs,[1].—Heaviness of the limbs (fourth day),[14].—Falling asleep of the upper and lower extremities, at night on waking,[1].—Falling asleep and feeling of paralysis wandering about the limbs,[12].—Burning and swelling of all joints,[12].—Every day feels a pain as if bruised, at times in the *shoulders*, at times in the thighs (forty-fourth day),[42].—Feeling in the extremities as though bruised (forty-first day),[73].—Occasional drawing in the limbs (after twelve days),[49].—Extremely painful drawing aching of the articular extremities of all the bones, with a sensation of swelling, without swelling and without change in the color of the skin, with loss of appetite, bitter taste, and emaciation, lasting three months, with cessation of the previous tuberculous cough,[12].—Drawing tearing in the hands and feet,[12].—Sudden drawing in the limbs (eleventh

day); drawing in the limbs (twelfth day); drawing, now here, now there, in the extremities (fourteenth day); drawing in the extremities, especially on the inner surface of the upper part of the left thigh and forearm (only while at rest), (fifteenth day); drawing in different parts of the extremities, not lasting long, but frequently quite troublesome (sixteenth day),[66].—[**2330.**] *Drawing* in both hands and feet, afterwards only in the forearm as far as the wrist-joints (first day),[29].—Drawing in the joints of the hands and feet (tenth day),[73].—Short accesses of drawing in the right arm and leg, at 10 A.M. (fifty-eighth day),[73].—Tension in the extensor muscles of the extremities and trunk, now here, now there; subsequently heat, in the evening (twentieth day),[72].—*Drawing and sensation of weariness, with apparent dulness of feeling*, in the limbs, especially in the upper and in the forearm, near the wrist, in the evening (twenty-first day),[72].—Drawing in the limbs, particularly in the right forearm, aggravated by movement of the limb (fifty-seventh day),[73].—Drawing pains in the arms and feet, and especially in the small of the back (sixth night); frequent accesses of drawing pains in different parts of the body annoyed him (seventh day); drawing and tearing pains in the hands and feet, afterwards in the epigastrium, hypochondria, on the chest, but worst in the small of the back, ending in slight perspiration (seventh night); drawing pains in the hands and feet, in the sacral region, and between the shoulders, daily, for six weeks,[57].—*Drawing* from the right wrist-joint as far as the tips of the fingers, and from the right calf as far as the malleoli, with the sensation as if that foot were lame; afterwards a drawing from the right elbow as far as the wrist-joint; then a transient paralytic feeling in both thighs as far as the knees (second day); drawing sticking in the right upper arm as far as the elbow-joint, and in the right thigh as far as the knee (seventh to twelfth day); drawing in the left calf, afterwards in the right forearm from the elbow as far as the wrist-joint (sixteenth and seventeenth days); the same drawing and sticking in various parts of the limbs (twenty-fourth, twenty-fifth, and twenty-ninth days),[28].—Pains, at one time drawing, at another tearing, were repeatedly felt, especially in the extremities, for the most part while at rest, but in the right tibia also while walking, so as to make me limp (after twenty-six days),[48].—At times drawing pains in the hands and feet, which still continued even after eight days, growing, however, weaker and weaker (after thirty-five days),[48].—[**2340.**] Tearing pressing in the upper part of the right thigh and right arm, which greatly resembled the effects of Bryonia, with this difference, that the pain produced by Thuja seized the middle of the affected member, was confined to a small spot, and was mostly in the muscles, while that produced by Bryonia seemed to prefer the joints and tendons (first day),[56].—Tearing in the left upper arm, afterwards in the left leg (sixteenth and seventeenth days),[28].—Tearing through the long bones of the upper and lower extremities, even under the heels,[12].—Tearing and sticking pain in all the joints,[82].—Sticking and tearing in the ankles, with swelling of them, and in the soles of the feet, and digging and sticking as from needles in them, and as if they were all sore, worse in the morning, so that she could step only with difficulty, with constant pain in the small of the back, then the back between the shoulders becomes affected, and the hands, together with the fingers, pain most violently. At times the pains leave the limbs, and then the abdomen becomes painful, with diarrhœa, always preceded by griping in the intestines and shivering, with heat and thirst, vertigo, and jerking in the limbs and abdomen, with scraping in the throat, and a pungent salt taste to the mucus, and a sour taste in the

mouth after eating, together with profuse sour-smelling sweat (sixth month),[12]. —Sticking in the external malleolus, hip-joint, metacarpal bone of the middle finger, on the inner edge of the foot, in the heel,[80].—Stitches in the sole and in the palm,[82].—Sticking in the shoulders and in the right knee (second day),[70].

Superior Extremities.—Constant weakness of the left arm from the first phalanx of the thumb,[12].—Trembling of the arm after writing half an hour, with a drawing pain,[1].—[**2350.**] *Involuntary jerking of the arm during the day,*[1].—Great heaviness in both arms, so that they ache from fatigue when held up,[12].—Heaviness and lameness in the right arm (seventy-second day),[72].—A stiffening sensation in the left arm, in the evening in bed, preventing his falling asleep,[12].—Both arms are painfully difficult to move, as if the joints were dry,[1].—Not yet able to tie his cravat behind or to hang the chain of his watch around his neck. On looking at the right shoulder in the glass, it was found to be somewhat more elevated than the left and swollen (sixth day),[32].—Paralytic feeling in the arms, as if he had carried too heavy a weight (after eight hours),[11].—Pressing pain, at one time in the right, at another in the left arm (within two hours),[71].—Raging pain in both arms, from 3 A.M. till rising at 6 A.M.,[1].—A burning-drawing pain in the whole arm, in the periosteum of the bone, extending to the fingers, with a pressure seemingly from within outward; painful on deep pressure upon the periosteum, as if the flesh were loosened from the bones,[1]. —[**2360.**] A violent drawing apparently in the bones of the arm, lasting several hours,[1].—Frequent drawing in the arms, extending into the hands, with need of stretching, especially in the morning,[12].—A very acute aching drawing and trembling through the muscles of the right arm,[12].—Drawing in the left arm (fifty-fourth day),[72].—Drawing in the right arm and forearm, in the afternoon (eighth day),[65].—*Drawing tearing* in the right arm, lasting several hours, in the forenoon (third day); same sensation (fourth day); in the morning (sixth day),[44].—Tearing in the right arm, with weariness, worse during rest, better during motion, also in paroxysms,[12].—Frequent quiverings came on in the afternoon and evening; pulselike jerks in the muscles of the right arm, especially in the deltoid (fifty-fourth day),[44]. —***Shoulder.*** Cracking of the shoulder-joint on bending the arm backward; she is unable to move the arm on account of pain, as if dislocated,[1]. —Pain in the left shoulder (seventy-eighth day),[13].—[**2370.**] Pain in the shoulder, preventing his raising the arm over the head, aggravated by lying upon it, even to stiffness of the whole arm,[12].—Frequently, for a minute at a time, a pain which, in the axilla, in the dorsum of the foot, and on various points of the external chest, was pinching and pressing,[62].—Bruised pain in the shoulder-joints and upper arms (seventeenth day),[26].—Deep aching sensation in the left shoulder when lying upon it (third month),[12].—Paralytic drawing pain in the right shoulder from lying upon it in bed, extending thence into the head, which is painfully affected at night,[12].—Drawing in the right shoulder (fourth day),[74].—Drawing pressure in the left shoulder, extending to the hand, followed by pressure in the right eyeball; the pain ceased after rising (fortieth day),[13].—Paralytic and drawing tearing in the left shoulder, better on motion (seventy-seventh day),[13].—Drawing-tearing pain in the left shoulder-joint and about the shoulder, so that the arm could not be moved without pain (after twenty weeks),[13].—Drawing tearing-pressive pain in the region of the left shoulder when leaning against it or lying upon it; after the pain had disappeared, there was a similar pain in the right shoulder for several days, relieved by

rubbing with cold water (after ten months),[13].—[**2380.**] A laming drawing, of short duration, in the right shoulder and in the thumb of the right hand, at 5 P.M.; soon after, tearing in the palm of the hand, near the wrist (for half an hour), (sixty-second day),[73].—Laming drawing in the right armpit, coming on by fits (seventy-second day),[73].—Troublesome drawing in the left shoulder immediately after getting up, only disappearing in the afternoon (fifth day),[65].—Rather violent drawing in the right shoulder (second day),[57].—A *drawing* from the left axilla as far as the elbow-joint (after two hours),[28].—In the evening, tearing and laming drawing in the left axilla, which, on the following day, extended to the right shoulder, where it remained an hour (fifteenth day),[74].—Cutting in the right shoulder-joint (first day),[84].—Pressings on the right shoulder (third and fourth days),[69].—Tearing in the left shoulder (twenty-fifth day); in the left axilla, in the night (twenty-fifth day); in the left shoulder, at times going to the right shoulder and nape (twenty-seventh day),[76].—Tearing in the right shoulder, so that she cannot lie upon it or turn the neck, lasting a long time (second month),[12].—[**2390.**] Constant tearing in both shoulders (in both at once, or alternately in one or the other),[12].—Several stitches in the right axilla and temple (first day),[86].—Solitary stitches in the shoulders (fifth day),[68].—Drawing stitches in the right shoulder-joint and in the bend of the right elbow,[6].—Electric stitches in the left shoulderblade, towards evening (seventy-eighth day),[13].—Continual dull sticking pain in the left shoulder-joint (second day),[52].—*Sticking in the shoulders*, disappeared while walking in the open air (fifth day),[71].—Sticking pain in the right shoulder (ninth day),[71].—Sticking pains in the left shoulder-joint,[79]; on awaking (fifth day),[70].—Frequent sticking pains in the right shoulder-joint,[79].—[**2400.**] Painful sticking in front of the right shoulder, near the clavicle, associated with dull tearing (after five hours),[3].—Sticking pain, as with a dull point, in the right deltoid muscle while walking in the open air,[6].—Violent stitches in the left shoulder when playing the piano,[12].—Beating and throbbing in the shoulder-joint,[1].—***Arms.*** Heaviness of the left arm, from the middle of the upper arm to the fingers, felt during motion and rest,[1].—The upper arms are painful and so weak that the patient can with difficulty hold them up long enough to arrange her hair (twenty-fourth day),[76].—The middle of both upper arms is painful, as if bruised, and feels so weak that he cannot hold up the forearms,[12].—On pressing upon the upper arm a pain in the bone, as if the flesh were loosened from it,[1].—Constant very painful aching in the left upper arm, as far as the shoulder and extending into the wrist and fingers, preventing his grasping anything,[12].—Bruised pain in the upper arms, as if they had been beaten blue,[7].—[**2410.**] Feeling as if beaten in the upper arms, after dinner (twenty-third day),[72].—Frequent paralytic pain in the muscles in the middle of the left upper arm during rest and motion (after one hour and a quarter),[8].—Slight drawing in the left upper arm, in the evening (fifty-second day); in the night, drawing in the upper arm, axilla, and shoulder, preventing his lying on that side (seventy-second night); in the morning these pains became intolerable, but by warmly wrapping up the painful parts they gradually diminished and finally entirely disappeared, leaving behind a feeling of lameness in the arm; at 9.30 A.M. the tearing in the shoulders and upper arm returned in frequent short attacks; in the evening the pain in the shoulder is again very violent, and in the right arm, especially in the forearm, there is a condition bordering on paralysis, with feeling of coldness (seventy-third day); the pain in the arm came on in short accesses at 10 A.M., was sensi-

ble till noon, but was milder than yesterday, and ceased entirely in the afternoon (seventy-fourth day); the pain is entirely gone (seventy-fifth day),[72].—*A painful drawing* in the outer surface of the left upper arm, near the olecranon, recurring several times at short intervals (fourth day),[31].—Tearing pain in the anterior tuberosity of the left humerus continued, was increased by motion, and was heightened to a burning pain by contact, especially after the painful spot on the arm had been knocked against something, though only slightly (fifteenth day); sensitiveness of the anterior tuberosity of the left upper arm, especially when touched (sixteenth day); sensitiveness appeared to be more and more circumscribed every day; entirely disappeared in the course of a week,[27].—Stitches in the right upper arm, in every position, disappearing on touch (after one hour and a quarter),[8].—***Elbow.*** Weakness in the elbow-joint, so that she could lift nothing heavy; this weakness extended a hand's breadth above and below the right elbow (after five months),[14].—The left elbow seems paralyzed at times,[12].—Boring pain in the elbow-joint (after five days),[11].—Bruised pain in the elbow and wrist-joints, as if they had been crushed and bruised (after forty-two hours),[11].—[**2420.**] Soreness in the bend of the right arm when extending it, in the forenoon (seventy-fourth day); return of the soreness in the bend of the arm, in the forenoon (seventy-fifth day),[73].—The prominences of the right elbow were painful, as after a severe knock (ninth day); did not entirely disappear until the eleventh day,[64].—Tension in the bend of the right elbow when writing (sixty-third day),[72].—Drawing in the right elbow-joint, in the forenoon (fifty-ninth day),[72].—Violent pressing pains in the left elbow, as if in the bone,[81].—A violent drawing tearing from the left elbow-joint as far as the two middle fingers (fourth day),[25].—Sticking pain in the left elbow several times during the day (first day),[83 84].—Stitches in the elbows,[79].—(Sticking pain in the elbow-joint),[1].—Sticking pains in the right elbow,[80].—[**2430.**] Stitches, as with needles, especially in the outer side of the left elbow, alike in all positions, suddenly disppearing on touch (after half an hour),[8].—Beating and throbbing, like a pulse, in the elbow-joint during the day; in the evening a drawing in the arm, extending into the fingers,[1].—***Forearm.*** Debility and lameness in the right forearm, and violent trembling of the right hand, in which the veins swelled without any apparent cause; this appearance lasted half an hour, and disappeared while writing, in the forenoon (sixth day),[44].—Painful stiffness in the left forearm, extending as far as the fingers, and impeding motion (sixteenth day),[27].—Heaviness of the forearms (after five hours),[11].—Paralytic and asleep sensation in the forearm, from the elbow to the tips of the fingers, with crawling in the latter, lasting a long time,[12].—Painful jerking in the left arm, from the wrist to the elbow,[12].—Twitching of the muscles of the right forearm,[80].—Twitching in the flexors of the left thumb, in the right cheek, and under the scapulæ,[85].—Pain in the left forearm, as if the hairs were pulled (sixty-second day),[13].—[**2440.**] Breaking pains, transient, in the bones of the left forearm (fifty-seventh day),[13].—Bruised pain in the bones in the right forearm when carrying a heavy weight, associated with a kind of weakness, so that he was soon obliged to put it down (fifth month),[13].—Very acute aching in all the tendons of both forearms, frequently alternating with aching drawing in the shoulders,[12].—Drawing in the right forearm (fifty-fifth day),[72].—Drawing pain in the left forearm,[1].—A quick drawing-boring pain through the forearm and the metacarpal bone of the index finger,[80].—Troublesome drawing in the right radius, along the forearm as well as in the hand, into the little finger, at noon

(twenty-fourth day),[73].—Tension in the extensors of the right arm when writing (sixtieth day); slight tension in the extensors of the right hand (sixty-second day),[72].—Drawing in the inner side of the left forearm and in the fingers of the right hand, in the forenoon (eleventh day),[65].—Drawing pain in the inner side of the left forearm, during the whole forenoon, particularly when the arm was at rest (thirteenth day),[62].—[**2450.**] In the evening, while sitting in a crowded theatre, a drawing-sticking pain in the right forearm, extending from the elbow to the wrist-joint (thirteenth day),[24]. —Tearing pains in the bones of the left forearm and wrist,[79].—Tearing in the left forearm, shooting from the elbow to the fingers, so that they were suddenly flexed (fifth day),[88].—Sticking drawing on the inner surface of the left forearm, towards the wrist (fourteenth day),[73].—Sticking-tearing pain in the left forearm, where the ulna joins the carpus (first day),[33].—A tearing stitch from time to time on the outer side of the right forearm (after three hours and a half),[5].—Sticking tearing on the inner side of the left forearm, extending from the hand to the elbow (after three hours and a half),[5].—Dull sticking pain in the left forearm, near the elbow (first day),[83]. —Sticking pain in the right forearm, near the elbow (first day),[84].—Sticking in the right forearm as far as the finger-joints (seventh to twelfth day),[28]. —[**2460.**] A fine transitory stitch in the posterior surface of the left ulna, near the elbow, one hour after dinner (fourth day),[31].—Smarting pain in the right forearm,[3].—A paralytic *burning sensation*, which had been felt already for some days in all the *muscles* of the forearm, and which extended as far as the tips of the fingers, was particularly troublesome, coming on when moving the arms, going off in rest (sixteenth day),[26].—*A burning pain in all the muscles* of the forearm upon moving the hand quickly and strongly (fourteenth day),[27].—***Wrist.*** The right wrist feels sprained (seventeenth day),[14].—Pain in the right wrist as if dislocated,[1].—Crushing pain in the inner side of the left wrist, in the head of the radius, which last was plainly swollen and painful to touch, in the evening (fourth day),[51].—A paralytic feeling in the wrists,[28].—Tearing in the right carpus (fourth day),[84]. —Tearing in the left wrist,[1].—[**2470.**] Sticking in the left wrist-joint, extending as far as the tip of the index finger (sixteenth and seventeenth days),[28].—A quite severe sticking crosswise where the radius and the carpus unite, from without inwards (in rest), (eighth day),[35].—Burning-sticking pain just above the right wrist (after six hours),[10].—Stitches in the right wrist,[80].—***Hands.*** Attack of inflammatory rheumatism of the left hand; at first the thumb became stiff, then all the joints of the fingers, with stinging, drawing-jerking pains, so violent that she did not know what to do, lasting two days, after which everything swelled, with gradual disappearance of the pain, with heat and much thirst, every forenoon; and in the afternoon shivering along the back, extending into the head, with throbbing in the pit of the stomach, shortness of breath, constriction below the ribs, with constant sleep; during the forenoon, fever, frequently interrupted by hiccough, and tearing jerking in the hands, stomach, and feet (third month),[12].—Trembling of the hands,[12].—Trembling and twitching of the hands, so that she could hold nothing steadily,[12].—Trembling of the hands, as from the weakness of old age, when writing (after twenty hours),[8].—Paralytic weakness of the left hand, in the morning on rising, lasting a long time,[12].—The hands became easily stiff and tired when moving them (third day),[25].—[**2480.**] Feeling of dryness in the hands (after twenty-six hours),[11].—On the ball of each hand a spot as large as a ten-cent piece is violently painful, like neuralgic toothache,[12].—Boring in the metacarpal

bones of the left hand (sixty-sixth day),[13].—Violent cramplike pressure in the left hand, between the little and ring fingers on their inner sides, with a sensation of heat in all the fingers of the hand, while the left metacarpus and whole of the right hand was icy cold (after two hours and a half),[5].—Tension in the right hand, especially in the thumb (sixty-fifth day),[72].—Drawing-boring pains in the metacarpal bones of the left hand, afterwards in the bones of the forearm, and after some time burning-pressive pain in the bones of the right little finger (after twelve days),[13].—Rheumatic drawing-tensive pain in the bones of the right hand, better while closing them, associated with a numb sensation; this pain gradually extended to the upper arm (sixty-third day),[13].—A burrowing pain, almost causing him to cry out, in the left metacarpal bones, if the hands lie over the head in bed (after twelve months),[13].—In the forenoon, frequent paroxysms of tearing and sticking in both hands, which became so violent in the middle of the right ulna, while he was writing, that he had to give it up. In the afternoon, while driving in a carriage, a very violent tearing in the left forearm, which was especially violent in the anterior tuberosity of the humerus, that region becoming very sensitive to touch; moreover, *prickings in the fingers* of the same hand. These symptoms continued while driving, and did not abate until he got into a profuse perspiration, in the evening, while in a crowded theatre (fourteenth day),[27].—Tearing in the hand (twenty-third day),[76].—[**2490.**] Tearing in the metacarpal bones of the right hand (fifth day),[84].—A momentary sensation of *tearing* in the dorsum of the left hand, at noon, while writing (thirteenth day),[71].—Transient tearing in the left hand, in the evening (thirty-third day),[15].—Sticking in the metacarpal bones of the left hand,[80].—Dull sticking pain in the joint where the thumb and index finger are articulated with the metacarpus,[80].—Sticking in the left palm, in the evening (second day),[83].—Stitches in the right metacarpus and in the left eyeball (first day),[84].—Sticking in the left palm, the right axilla, and near the pit of the chin (first day),[86].—Sticking beating in the right hand, extending as far as the tips of the fingers, and in the anterior part of the right foot, in the morning in bed (fifteenth day),[26].—***Fingers.*** Some swelling of the fingers of both hands; they feel tense on bending them, and pain as if beaten, more in the right hand, in the morning (sixty-third day),[13].—[**2500.**] Rheumatic swelling of the second joint of the right ring finger, with a painful bruised sensation on pressure, tense on bending it (sixty-sixth day),[13].—The left index finger is more swollen, with tensive numbness of it,[12].—A bony tumor in the middle phalanx of the left index and middle fingers, sore on pressure,[12].—The balls of both index fingers become red and swollen,[1].—The last phalanges of the three left middle fingers become red and swollen, with fine stinging, extending into the tips, about 5 P.M.,[1].—Stiffness of the joints of the fingers, on waking in the morning, with sticking pains in the hands and feet (eighth day),[16].—(All the fingers seem numb),[1].—Falling asleep of the two last fingers of the left hand (sixty-seventh day),[14].—Pain in the third phalanx of the left index finger, as if it had been violently bruised, aggravated by motion or touch (after six months),[13].—Aching of all the fingers of the left hand, so that grasping was difficult,[12].—[**2510.**] Constant pain in the first phalanx of the left thumb, extending into the fingers, as if the first phalanx would be pinched off, wherewith the finger could scarcely be bent, and at times felt paralyzed; a similar pain afterwards commences in the right hand,[12].—A breaking pain in the finger-joints, as if they would be dislocated (after twelve months),[14].—Gouty pain in the right little finger (thirty-ninth day),[16].

—Rheumatic pain in the right ring finger continued to recur (after twenty weeks),[13].—Pressive-boring pain in the metacarpal bone of the left index finger, transient, in the evening (fifteenth day),[13].—Drawing-sticking pains in the right index and middle fingers (fifth day); drawing pain in the left middle finger, in the afternoon (thirty-fifth day); drawings in the left little finger at various times (forty-fourth day); drawing in the little finger of the right hand (forty-ninth day),[44].—Painful drawing in the left thumb, lasting only a short while, but returning frequently, at 10 A.M. (eleventh day),[31].—Drawing in both thumbs on awaking and lasting all day (seventh day); extended into the wrist-joint (eighth day),[54].—Drawing in the first joint of the right thumb, especially during rest, instantly disappearing on moving the finger, and returning as quickly on the cessation of the motion, at 7 P.M.; this continued nearly an hour; several times drawing in the third joint of the right ring finger (fourth day),[64].—In the morning, after getting up, painful drawing in the second joint of the left thumb (only during rest), for about two hours; the same feeling, but not lasting and much weaker, appeared in the course of the forenoon in almost all the finger-joints (but only during rest); for an instant this drawing appeared in the inner side of the left foot as far as the sole; at 6 P.M., sudden drawing on the inner side of the left foot, in the metatarsus (third day); transient drawing in the index finger, about 11 A.M. (sixth day); sudden drawing in the left thumb and right little finger (immediately disappearing on movement and as quickly returning in rest), in the forenoon (seventh day); drawing in the right thumb, in the morning on rising (eighth day); about 11 A.M. (tenth day); drawing in the fingers of the right hand, at 4 P.M., and afterwards in the right elbow (thirteenth day),[65].—[**2520.**] Several times drawing in the first joint of the right index finger (sixteenth day),[67]. —Drawing in the right thumb and forearm, then in the left thumb and the teeth of the right superior maxillary bone, in the evening (fourth day),[67].—Drawing in the left thumb (fifth day),[68].—Drawing in the fingers (within two hours),[71].—Sudden drawing, here and there, especially in the fingers of the right hand (tenth day),[66].—Drawing in the dorsum of the right ring finger (sixty-second day),[72].—Drawing in the fingers and pressing in the left upper arm, disappeared while walking in the open air (fifth day),[71].—A transient drawing in the first joint of the right thumb, which was, in consequence, somewhat less easily moved, at noon (second day),[73]. —Occasional drawing in the right thumb (seventy-second day),[72].—Tearing in the metacarpal bone of the little finger (first day),[84].—[**2530.**] Tearings in the little finger of the right hand several times (forty-seventh day),[44]. —Tearing-drawing pain in the second joint of the right ring finger, which was swollen, also slightly in the left (sixty-sixth day),[13].—A tearing pain in the right thumb when sewing and playing the piano, most violent in the ball,[12].—Frequent twitching in the middle finger of the right hand (third day),[70].—Painless twitching of the middle finger of the right hand,[79].— *Crawling in the tips of the three middle fingers of the left hand, as if asleep* (after fourteen hours),[5].—Sticking in the right thumb,[80].—A few stitches in the right thumb (fourth day),[24].—A sharp stitch in the nail of the left thumb (after forty-eight hours),[1].—Sticking pain in the ring finger of the left hand, at 10 A.M. (eighth day),[44].—[**2540.**] Fine sticking in the third joint of the index finger, from within outward,[80].—Dull sticking pain in the metacarpal bone of the middle finger of the left hand,[79].—Sticking, as from a thorn, above the middle joint of the middle finger, most painful on bending the finger (after sixteen hours),[11].—Stitches in the tip of the third

finger of the right hand,[79].—Stitches in the metacarpal bone of the little finger,[79].—Sticking tearing in the little finger,[2].—Fine stinging on the fingers,[1].—Fine stinging pain in the first finger-joints,[1].—Fine stinging in the tips of the three left middle fingers (in the afternoon),[1].

Inferior Extremities.—Twitching of the lower limbs and contraction of the flexor tendons of the hollows of the knees, which became very hard and stiff, especially the left leg, often with cramp in the sole of the left foot, during a sleepless night (after twelve months),[13].—[**2550.**] Stiffness, with a paralyzed sensation in the lower extremities,[12].—Stiffness of the lower extremities, especially after rising from a seat, so that walking was very difficult,[12].—Lower extremities stiff and heavy when walking,[1].—Paralytic heaviness of the right lower extremity when walking, towards evening, always about the same time, frequently, and lasting for a long time, with vertigo (third and following months),[12].—The lower extremities are as heavy as lead,[12].—The lower extremities feel like wood when walking in the open air,[12].—Both legs, from the small of the back to the knees, feel paralyzed, especially the left; walking is very difficult, with wandering heaviness in it lasting five to six days,[12].—Jerking, like electric shocks, in the lower extremities during the sleeplessness (after thirteen months),[13].—The whole lower extremity, from the small of the back to the foot, is painful, as if bruised,[12].—At night, while half asleep, a sensation in the left lower extremity as if drawn by cramp and paralyzed (twelfth month),[12].—[**2560.**] The whole right leg up to the hip-joint was painful, heavy, and less movable, in the night; the pain was drawing and tensive (thirty-seventh day),[73].—The whole right leg painful (seventeenth day),[72].—On lying down, the right leg was so painful that he was obliged to place himself on his left side, and so to lie during the night, contrary to his usual habit (sixteenth day),[72].—A pain drawing upward from the lower extremities through the thigh to the head, and thence down to the pit of the stomach, with which it becomes black before the eyes, and she is qualmish,[1].—Short, but frequently returning paroxysms of a lancinating pain from the left acetabulum down to the calf, deep in the bone (while walking in the street), (after ten hours, third day),[22].—Drawing in the whole right leg (fifty-seventh day),[72].—A tension, like weariness, through the whole leg,[1].—Violent tearing in the whole left lower extremity, extending from the hip anteriorly and internally to the knee, and posteriorly to the heel, most intolerable at night,[12].—Tearing through the long bones of the lower extremities into the heels, suddenly disappearing,[12].—Transient burning stitches in the lower limbs, extending thence in every direction (after twenty-eight hours),[8].—[**2570.**] Stitches, here and there, in the lower extremities, and at the same time in the left side of the head,[12].—***Hip.*** **Painful laxity in both hip-joints, as if the capsules of the joints were too weak and relaxed*, as if they could not support the body only when standing (not when walking), with weakness of the whole body (after twelve days),[6].—Pain in the right hip, extending to the spine,[12].—Very painful drawing from the right hip to the sole of the foot,[12].—Sensitiveness of the left hip to touch, as if beaten (after fourteen months),[13].—Tension extending from the hip-joint to the groin, and down the posterior surface of the thigh to the hollow of the knee, even while sitting quietly, especially on walking, less while standing,[1].—*Drawing in both hips* from without inward, and from above downward toward the *genital parts* (eighth and ninth days),[29].—Tearing in the right hip-joint,[82].—A tearing pain from the ischium through the posterior part of the right thigh, as far as the popliteal space (second day),[83].—Sud-

den shooting in the left hip when stooping, so that she could scarcely step, *with a sensation as if the lower extremity were elongated*,[12].—***Thigh.*** [2580.] Weariness of the lower limbs, especially in the lower part of the thigh,[59]. —Paroxysms of weariness in the inner muscles of both thighs,[1].—Quivering of the muscles of the left thigh just above the knee,[81].—Thighs and legs fall asleep while sitting,[1].—Acute aching in the right natis, worse when sitting,[12].—Pain as if dislocated in the right thigh and leg, while the extremity is just being carried forward, when walking,[2].—Pain in the left thigh when walking, as if it would break (in the evening),[9]; (tenth day),[11]. —Circumscribed pain in the inner side of the thigh, as after a long walk,[58]. —Pain, as if beaten, above the middle of both thighs, while walking in the open air,[1].—Dull pain anteriorly in the lower third of the right thigh,[80]. —[2590.] Drawing pain in the left thigh, as if in the marrow of the bone, so that she could not sit in a comfortable place (forty-sixth day),[14].—Drawing in the upper part of the left thigh (lasting two minutes, and rendering walking painful), (eighth day),[66].—Drawing in the inner side of the left upper thigh, in the right knee, and in the right hip (thirteenth day),[66].—Painful *drawing*, extending from the bend of the right thigh to the internal surface of the thigh, for a few seconds (in rest), (tenth day),[32].—Tension in the outside of the right thigh, extending into the knee, particularly when walking and bending (sixty-fifth day),[72].—Drawing in the inner surface of the right thigh, in the right knee, in the right calf, in the bend of the elbow, in both popliteal spaces, especially the left (fifth day),[64].—Drawing-sticking pain in the head of the left femur (seventh to thirteenth day),[74].—Drawing in both thighs (forty-sixth day),[72].—Drawing through the whole length of the outer surface of the thigh, in the afternoon (second day),[56].—*Drawing* in both thighs, in the evening (fifteenth day),[28].—[2600.] Burrowing and tearing pain in the left natis (sixty-fifth day),[13].—Acute pressive pain in the flesh of the thigh (after eighteen days),[13].—Constrictive pain on the inner side of both thighs, from the groin to the knee, as if the knee would be drawn up on the abdomen, with difficulty of urinating, though with urging thereto,[12].—Tearing in the right thigh (seventh day),[84].—Scraping, smarting sensation in the inner side of the right thigh,[3].—A sticking very high up on the thigh,[1].—A few stitches in the external tuberosity of the left thigh when walking (fourth day),[23].—Sticking in the left thigh, as far as the knee (fifteenth day),[28].—Violent throbbing in the thigh below the inguinal region, while lying on the right side (after fourteen months),[13].—Varices on the knees, with burning stinging as far as into the tibiæ, as if a jagged instrument were pressed into the flesh,[12].—***Knee.*** [2610.] The knee involuntarily moves to and fro (with violent pain),[1].—Cracking of the knee-joints (eighth day),[70].—Weakness in the knees (third day),[28].—Sensation of weakness in both knees (disappearing in the right in ten minutes, in the left in half an hour), (first day),[56].—Strong extension of the right knee impossible on account of a sensitive, painful obstacle in the popliteal space; the same symptom in the left knee,[82].—Sudden soreness shooting into the left knee, tension and sticking, partly on the patella, partly just above it, with swelling, aggravated by pressure, standing, rising from a seat and sitting down, also depriving of sleep at night, lasting a long time,[12].—Pains in both knees (twenty-fourth day),[71].—The right knee-joint was painful when seated, but the pain soon disappeared, and was succeeded by a feeling of cold in the knee, in the forenoon; a transitory pressing and tension in the heart then came on, and on its ceasing, the coldness in the knee was again perceived, but in a less degree, in the forenoon (sixty-fifth

day),[72].—Pain in the patellæ, frequently returning, whether sitting or walking; a twitching as if a tendon were slowly drawn out and then suffered to return; a similar pain in the temples while sleeping,[58].—Knees painful while walking, as though bruised; the weight of the body seems to him too great for the legs, in the evening (sixty-eighth day),[72].—[**2620.**] Sensation of dislocation in the knee and hip-joints (aggravated by walking in the open air),[85].—Cramplike pain above the left knee, while sitting (after forty-six hours),[11].—Drawing tearing in the right knee about 5 P.M. (sixteenth day),[65].—Drawing in the right knee (tenth day),[54].—Very painful drawing transversely through both knees, through the middle of the patella, with a painless circumscribed tense and elastic swelling, as large as a small hen's egg in the middle of the hollow of the left knee, extending deeply without preventing motion, appears after fourteen days, but gradually disappears, with simultaneous disappearance of a previously existing rectal fissure (twelfth week),[12].—Tension in both knees and heels, especially when rising after being long seated, in the evening (sixth day); she compared it to a feeling as if the feet had been rendered stiff by overexertion in walking (seventh day); diminished, but did not altogether cease on the days when she took no medicine; only troublesome when walking, not when sitting (twenty-second day); diminished only very slowly, often disappeared, and then suddenly set in again, and first completely vanished at the expiration of three months,[51].—Painful tension in the right popliteal space, in the afternoon (fifteenth day),[72].—A tensive pain and a bruised sensation, extending from within outward on flexing the right knee, on pressure, the pain involved the outer margin of the patella, in the evening while lying in bed (forty-first day),[13].—Tension in the left knee,[12].—A painful pressure inward on the inner side of the knee, while sitting (after two hours and a quarter),[10].—[**2630.**] Slight pressing on the inner side of the right knee (sixty-eighth day),[73].—Pinching pressive pain near and beneath the patella on bending or stretching out the right leg (after seven hours and a half),[5].—Sensation as if a fine knife were piercing beneath the knee, a coarse sticking,[3].—Tearing in the knees,[12].—Tearing in the right popliteal space on bending the body to the right side,[80].—Tearing in the left knee-joint, extending to the middle of the calf, commencing while sitting, and lasting only a short time (after ten hours, second day),[22].—Tearing in the left knee (third day),[84].—A long-continued burning in the hollow of the left knee, as though an eruption would break out (after twenty-five hours),[6].—Stinging in the patellæ and heels; in the latter it often returned, and was especially troublesome in walking (for a quarter of an hour),[62].—Stitches in both knees, so that they cannot be bent,[12].—[**2640.**] Stitches in both knees when walking,[80].—Dull sticking in the hollow of the knee (fifth day),[84].—Some stitches in the knees, only when beginning to walk, and especially on rising from a seat,[1].—Sticking pain in the right knee, coming from the popliteal space (first day),[83].—Sticking now in the left knee, now in the head, and now in the elbow and finger-joints, in the evening (sixth day),[68].—Sticking in the left knee (fifth day),[68].—Painful stitches on the inner side of the left knee-joint, while standing (fifth day),[24].—Sticking pain in the left patella when going upstairs (sixteenth day),[26].—Violent sticking under the right knee,[82].—Sticking in the left knee, early, in bed (fifth day),[84].—[**2650.**] Violent sticking on the outside of the left knee,[82].—A persistent burning-biting stitch in the anterior portion of the left knee (after twenty-five hours),[6].—Short, abrupt, burning-biting stitches near the inner hamstring of the knee,[6].—Dull

throbbing pain on the outer side of the knee while sitting, aggravated on walking (after six hours),[10].—***Leg.*** Numerous varices, large and small, develop over the whole right leg (second month),[12].—Both tibiæ red and swollen, with burning,[12].—(The tibia is thickened, as if swollen),[1].—*Weakness of the left leg while sitting, changing into a cutting sensation in the muscles of the calves when walking*, which subsequently, while sitting, returns paroxysmally (after three hours),[5].—Debility of the legs (sixty-seventh day).[73].—Heaviness of the right leg, with burning on the whole inner surface of the lower leg (thirty-fifth day),[73].—[**2660.**] Heaviness and burning again in the right lower leg, in the evening (thirty-seventh day),[73].—Heaviness and weariness of the legs, with dulness of the head (sixty-sixth day),[73].—The bone-pains of the swelling on the tibia in an old case of Mercurial poisoning begin to diminish after the third day, and become gradually less until after six weeks they entirely disappear, together with absorption of the swelling,[12].—On the tibia, a spot where there was formerly an ulcer, begins anew to be painful,[12].—Pain in the tibiæ, as if the bones were broken, worse on going upstairs,[12].—Pain in the left tibia, with redness and swelling of one spot, whence the pain extends into the ankle, and does not permit the slightest touch,[12].—Cramp in the calves and soles of the feet,[12].—Cramps in the calf on stretching out the foot (thirty-seventh day),[15].—Cramp in the middle of the right calf, as though a cord were tied about it, extending into the tendo Achillis (thirty-seventh day),[15].—Spasmodic contraction in the left calf and across the sole of the foot, in the morning on stretching in bed,[12].—[**2670.**] Right lower leg painful twice during the day (thirtieth day); felt again immediately after rising in the morning; a spot next to the tibia, near a varicose dilatation, smarted as though sore, was very sensitive to touch, and the skin over it was slightly reddened; painful again upon its upper surface, as if sore, in the evening (thirty-first day),[73].—The pain in the leg again made its appearance on rising in the morning; the spot is still sensitive (thirty-second day),[73].—Bruised pain in the legs,[7].—A pressure from within outward in the tibia,[1].—A paroxysmal pain drawing downward in the right leg,[1].—Drawing pains in the left shin-bone, at 9 P.M. (eighth day),[44].—Tension in the whole right leg, while walking, at noon (thirty-ninth day),[73].—Drawing in the right calf the whole day (fourteenth day),[65].—Drawing in the right lower leg, especially on the outside towards the ankle, and in the right hand, particularly in the thumb, at noon (sixty-first day),[72].—Tension in the flexor surface of the right leg (fifteenth day),[73].—[**2680.**] Weight and tension in the right leg (twenty-sixth day); violent tension in the right lower leg, on which the skin was painful, as though sore and ulcerated, in the forenoon, less after dinner (twenty-eighth day),[73].—Pain, as if bruised, in the right shin-bone (third day),[87].—Tearing in the left leg downward (first day),[83].—Tearing pain in the right shin-bone from the knee down, and from the tarsus up to the knee (subsequently repeated), (first day),[83].—Very painful tearing in the right tibia downwards (the whole day), (first day),[83].—Tearing in the right leg (fourth day),[84].—Tearing in the left lower leg (fifth day),[84].—Tearing in the right lower leg (fifth day),[84].—Tearing in both legs, and in the right thigh (sixth day),[84].—The severe burning pain on the inner side of the right lower leg was again troublesome in the afternoon (thirty-third day); the spot upon the tibia is still sensitive (thirty-fourth day); the burning in the right lower leg is drawing nearer to the ankle (thirty-seventh day); burning in the right lower leg (forty-sixth day); slight burning on the inner side of the right lower leg (fifty-eighth day); burning in the right

lower leg, in the morning (sixty-fourth day); towards noon (seventy-first day),[73].—[**2690.**] Sticking-burning pain in the external tuberosity of the left tibia (coming on when sitting, and increased by pressure), (sixteenth day),[27].—Intermittent pinching in the calves (after four days),[11].—Periodical pinching in the middle of the left calf, as if a convex button were pressed upon that part (twenty-second day),[32].—Sticking in the bones of the lower leg, from the tarsus up to the knee,[80].—***Ankle.*** The right ankle felt sprained, though he had not sprained it; every step caused pain in the joint (after six months),[13].—The outer malleolus of the right foot was painful while walking, as after a false step,[58].—Sharp drawing pain in the left inner malleolus, gradually extending into the calf (after twenty-one hours),[8]. —Tearing pain in the right tendo Achillis,[82].—Sharp tearings in the inside of the right ankle, in the afternoon (forty-sixth day),[44].—Sticking tearing in the right tarsal-joint, in the forenoon while walking (fourteenth day),[26]. —[**2700.**] Transient drawing in the left ankle, afterwards in the right thumb, and finally on the radial side of the right upper arm, where the pain disappeared after half an hour (sixty-eighth day),[73].—Drawing pains directly below the right internal malleolus, at 5 P.M. (ninth day),[32].—Tension in the right ankle while walking (seventy-first day),[73].—Painful compression in the region of both malleoli of the left foot (twenty-fourth day),[20]. —Frequent benumbing pain in the right inner malleolus (after one hour and a half),[8].—Tearing in the outside of the right ankle, soon; then in the left elbow; then drawing in the inner side of the upper thigh, and finally tearing in the second joint of the right thumb (third day),[63].—Single stitches in the left tarsal-joint (fifteenth day),[28].—Stitches in the right tendo Achillis,[82].—Fine stitches in the right external malleolus (after four days),[11].—A persistent burning stitch near the right outer malleolus, during rest (after twenty-eight hours),[6].—[**2710.**] A sharp stitch in the tendo Achillis above the heel (after two hours),[1].—Fine sticking in the inner malleolus of the right foot (first day),[56].—Crawling pain running up and down in the right malleolus and tibia, with feeling of coldness in both thighs, and prickling burning in the spine, mostly in the nape of the neck and on the lower end of the spine, together with crawling in the tips of all the fingers, extending to the middle of the second phalanx, as from digging in the sand, persistent (second month),[12].—***Foot.*** Swelling of the feet, from the toes to the ankles (after thirteen months),[13].—Feet œdematous and swollen, in the evening, for ten days (after forty-nine days),[13].—The left foot covered with varices, seems dark blue, congested, extending from the foot up to the groin, with everywhere violent burning and a sensation of stiffness, so that ascending steps, and especially the necessary bending of the limb was difficult, with gnawing in the abdomen, and evening chill (eleventh month),[12].—The whole right foot became enlarged, red, prickling burning, with great heaviness and qualmishness, with frequent jerking, so that it jumped high up, since the previous pain in the back had disappeared (sixth month),[12].—All the varices on the left foot become more swollen, with violent burning, and blue knots of veins show here and there small red vessels, with chilliness and a gnawing feeling in the abdomen,[12]. —The backs of the feet and of the toes are swollen, inflamed, and red; painful, as if numb, with tension on stepping and motion,[1].—A round, painful, indurated spot in the middle of the ball of the foot, lasting a long time,[12].—[**2720.**] The red spot on the dorsum of the foot impeded walking very much (fifteenth day),[27].—The whole heel is inflamed, red, and swollen, with tearing sticking and burning pains, which extend

up to the malleolus in a red stripe,[12].—Trembling of the feet on going downstairs (thirty-ninth day),[16].—Weakness in the feet (first day),[28]; (eighth day),[70].—Weakness in the feet when walking (fourth day),[70].—Weakness of the feet, with aching pains in the ankles, heels, and soles, so that walking was difficult, with some swelling of the veins about the ankle, swelling of the veins on the instep of the left foot, very sensitive for a long time,[12].—Frequent painful weakness in the right foot, extending from the instep through the whole lower extremity, so that she was obliged to drag the limb, after a long walk,[12].—She cannot raise her feet, because they are so weak and heavy, but only moves them along on the ground, with great weakness in the small of the back,[12].—Extraordinary weakness of the left foot when going out (within two hours),[71].—Feeling of weakness in the left foot when seated (third day),[68].—[**2730.**] Feeling of weakness in the sole of the right foot, as after a long journey, and as if bruised, while sitting and walking (after six hours),[8].—Weariness in the feet, as if the malleoli would split apart,[12].—Weariness and lameness in the feet (third day),[56].—Feeling of weariness in the sole of the left foot while sitting (soon, second day),[68].—Heaviness and coldness of the feet (thirteenth day),[76].—Heaviness in the right foot (fifty-seventh day),[73].—Heaviness and tension in the feet, so that walking was painful, in the evening (twelfth day),[72].—Constrictive, stiffened uneasiness in the right foot, with anxiety, as if a new paroxysm of spasm were impending at night in bed (sixth month),[12].—Numbness of his left foot, and feeling of weakness in it, in walking up and down the room, soon,[68].—*Numbness of the left foot*, disappearing while walking in the open air (fifth day),[71].—[**2740.**] Feeling of lameness in the left foot, in the afternoon while sitting (ninth day),[71].—Tearing pains in the metatarsal bones of the right foot,[79].—Transient, wandering tearing once in the foot suddenly, so that she could not step, then extending to the thigh, and at last into the back, but soon disappearing,[12].—Tearing in the right foot (eighth day),[84].—Tearing in the outer border of the right sole (second day),[83].—Involuntary jerking of the foot upward (with violent pain),[1].—Crawling jerking in the foot, as after a long walk (after four days),[11].—Sticking pain in the metacarpal bones of the right foot (fifty-seventh day),[12].—Fine, exceedingly acute stitches like the bites of insects, in quick succession, in the hollow of the right foot,[6].—Burning of the feet, with profuse perspiration,[12].—[**2750.**] Pulsation in the feet, with burning in the coccyx,[12].—Pinching pressure in the dorsum of the left foot (eighth day),[83].—Slight burning on the dorsum of the right foot (sixty-ninth day),[73].—A kind of cutting in the joints on the back of the left foot while walking, followed by a sensation of warmth,[3].—Sticking and burning in the backs of both feet, as if they would inflame and suppurate without visible inflammation,[12].—A pain from the tendons of the ball of the right foot into the great toe, especially felt on stroking it, less when walking,[12].—Numbness of the sole of the left foot while sitting (within two hours),[71].—Ulcerative pain in the soles of the feet, when stepping (forty-fourth day),[42].—Pain in the soles of the feet, even when not walking,[12].—On left sole, near root of middle toe, a spot tender on pressure or on walking, except when I have on a thick-soled boot, which prevents the pressure; no visible appearance (fifth and sixth days); foot well (seventh day),[90].—[**2760.**] Cramp in the sole of the left foot, for a long time, while lying in bed (seventy-seventh day),[13].—Cramp in the sole of the left foot, while riding in a carriage (eightieth day),[13].—Very transient violent stitches in the sole of the left foot, extending to near the great toe (after two hours and a quarter),[8].—

Sticking from within outward, in the middle of the sole of the left foot,[80].—Sticking from within outward, in the sole of the right foot,[79].—Several fleeting stitches in the heel and in the ball of the right foot, a sensation which he had never before experienced, in the evening (first day),[20].—Pain in the heel, as if asleep, in the morning on rising from bed,[1].—Drawing in the right heel at 10 A M., and half an hour later in the right index finger (disappearing instantly on movement), (fifth day),[63].—Tearing in both heels, wherewith the right lower extremity feels dead, with limping and dizziness in the head (seventh month),[12].—Stitches in the heels,[79].—[**2770.**] Constant sticking in both heels,[12]. — Fleeting stitches in the heel and big toe of the left foot (thirteenth day),[20].—***Toes.*** (The ingrowing toe-nails are now in perfect order), (after twelve months),[13]. — The toe-nails become rough and dry, so that they crumble,[12]. — All the toes are inflamed, shining red and swollen, they itch, and after rubbing burn,[1].—A corn on the middle of the second left toe becomes inflamed, with swelling and redness of the whole toe; on the top of the corn there appears an opening, as large as the head of a pin, in which there is constant suppuration; the pain also continues while lying down, and wakes from sleep at night; tolerates no touch,[12].—A corn becomes very large, almost transparent, and unusually painful,[12].—Pain beneath the nail of the right great toe, as if it would be torn out, while lying in bed (after six months),[13].—Pain as if the nail had been torn out of the right great toe, while lying in bed, in the evening (seventeenth day),[13].—A corn becomes extremely painful, as far as into the calf,[12].—[**2780.**] Extremely violent pain in the middle toe of the right foot,[79].—A feeling in the little toe as if the skin were lacerated in spots,[50].—Drawing in all the toes, extending up into the leg,[1].—Repeated drawings in the left great toe (thirty-sixth day),[44].—Drawing pain in the great toe, several times, on awaking,[59].—Drawing in the great toe,[1].—Cramplike drawing in the tendinous parts of the last phalanx of the right great toe, with a sensation of warmth, less noticed when walking than when sitting (after three hours),[3].—Painful drawing in the right great toe, towards evening (eighth day),[65].—Frequent tearing in the great toe of the right foot (first day),[84].—Tearing in the right tarsus and great toe,[80].—[**2790.**] Constant tearing pain in the metatarsal bone of the middle right toe,[80].—Tearing in the left little toe,[82].—Burning in the corns (after five days),[11].—Crawling in the toes (within two hours),[71].—Crawling in the toes of the left foot, which were painful on treading (ninth day),[71].—Intermittent pinching near the metacarpal bone of the little toe (after three days),[11].—Very violent stitches in the toes on bending the body to the left side, noon and evening (seventh day),[80].—Painful stitches in the big toe of the left foot (thirteenth day),[21].—Stitches in the right great toe, at night in bed (forty-second day),[13].—Tearing stitches in both sides of the nails of both great toes,[1].—[**2800.**] Glowing hot stitches in the left great toe in bed, after midnight (forty-third day),[13].—Extremely violent sticking pain in the metatarsal bone of the middle toe of both feet,[79].—Fine superficial sticking in the points of the fourth and little toes (second day),[81].—Stitches in the fourth toe of the left foot, in the left sole, and in the right thigh (first day),[84].—Sticking in the great, fourth, and little toes of the left foot,[79].—Stitches in the corn on the left little toe (forty-third day),[13].—Tearing stitches in a corn,[1].

Generalities.—Dresses have become loose (eighty-fourth day),[42].—Strong sulphurous odor in the axillæ on undressing, in the evening, which gradually recurs, and at times extends over the whole spine (in a woman

who, several years before, took several sulphur baths),[12].—The odor of the prover was exceedingly, almost intolerably, increased, so as to become perceptible to those about (after twelve hours),[68].—[**2810.**] A peculiar spoiled, cadaverous odor from the whole body, without perspiration,[12].—The effect of revaccination is changed; three persons who had taken a dose of Thuja, four to eight weeks previously, exhibited peculiar symptoms on revaccination; at first the vaccine developed in the usual acute manner, but after four days it began to be indistinct, and disappeared rapidly in a way never before observed under similar conditions without the action of the drug; but the cure, which was progressing previously, was seriously interrupted by this continued poisoning, so that afterwards the cure was more difficult and more prolonged, and especially the weakness of mind rapidly approached idiocy,[12].—*Chlorosis*, with œdematous swelling, first of the face, then in both lower extremities, about the abdomen, with menstruation at the right time, and profuse and watery (sixth week),[12].—Swelling of the veins, especially of the arm (fortieth day),[52].—Violent indescribable pain in the left side of the forehead wakes him at night from a restless sleep, he becomes affected by an unaccountable awkwardness in all his accustomed movements (thirtieth day); the two next days this awkwardness increases more and more, until in the evening of the third day he has a sensation of complete paralysis of the right arm; the arm feels and moves as if it did not belong to him, of which he was conscious, without ability to alter it, with great general lassitude, dulness of the head, disagreeable voice, and extreme ill-humor; this continued more or less severe till 11 P.M. of the fifth day, when he was suddenly seized with the most violent convulsions, beginning with extremely painful flexion of the toes of the right foot, extending thence to the right side upward, which became quite stiff, extended, and rigid, causing loud cries, arrest of breath, and at last mounting into the head, which jerked back and forth incessantly, and he lost consciousness; on returning to himself, five hours later, he found himself fallen out of bed, lying on the floor, bathed in perspiration, with complete paralysis of the right leg, from the foot to the knee; it also felt cold and dead and as heavy as a hundredweight, and he was unable to stand or move; after a sleep of two hours he was able to rise and drag the paralyzed limb after him, after which it gradually improved, but was constantly affected by spasmodic drawing of the muscles up and down from the toes to the calf, at times rising into the thorax of the same side, and moving back and forth; he also felt very sick, with excessive development of gas in the stomach and intestines, with excessive eructations in an almost uninterrupted stream from the mouth, together with emission of flatus. The next day spasmodic drawings in the whole right side continued; he was unable to write, because he could not recall the letters of even proper names; but he was able to dictate, though he seemed to grasp all ideas by the wrong end. Between 10 and 11 P.M. there was an attack of spasms, with incipient retraction of the toes, and drawing up and down in the muscles of the right side, with uneasiness and tossing from side to side, and difficult and late falling asleep, this, however, did not amount to a complete spasm. The next evening, at the same hour, there was a return of a similar attack, this time with accelerated pulse, and ending with a general perspiration of a rancid odor, which afforded relief; since that time gradual improvement, with freedom from the attacks, which, however, recurred at the same hour for three evenings, but each time less severely. Subsequent to this there remained very speedy fatigue of the right side when walking, a contractive

rigid feeling of the toes of the right foot, and deadness of the whole right index finger, and also of the first phalanx of the middle finger; these, however, also come and go. Exactly a year after the first attack there appeared a general spasm in the evening, again followed by paralysis, with most violent headache and vertigo, rapid, bounding pulse, anxiety, spasmodic numbness and clumsiness of the left hand and of the right thigh, posteriorly as far down as the calf, twitching beneath the right eye, preventing falling asleep or lying upon the side; there was no recurrence of the attack. Since that time the previous vertigo and the cramplike paralytic feeling of the right side gradually became weaker and weaker,[12].—She seems awkward, everything drops from her hands, for several days (forty-fourth day),[14].—Trembling over the whole body, not perceptible externally,[12].—General painful jerking of the muscles,[12].—Violent twitching in isolated muscular parts, which was strongest in the middle of the upper part of the right thigh and of the left arm; in the ends of the fingers and toes the twitching was finer and more transient; this muscular twitching was frequently repeated in different parts, and was one of the most troublesome symptoms; for example, it still came on on the seventeenth day, and lasted for almost ten minutes in the chin,[62].—After he passed the whole night, after the thirtieth day, in convulsions and unconscious, and awoke with paralyzed limbs, he was unable to write even his own name, because he could not recall the right letters, yet he was able to dictate correctly; at the same time his movements no longer obeyed his will, but exactly the reverse,[12].—[**2820.**] An epileptiform spasm in the evening, after lying down, with loss of consciousness for ten minutes, followed by pain in the stomach and yawning (sixth week),[12].—A paroxysm, commencing with intolerable pains in the head and teeth, spasmodic weeping, icy-cold feet and hands, leaden heaviness of both arms and groaning, the breath became very short, and often stopped entirely; suddenly she lay motionless and without breathing, but with clenched fingers, with quiet and regular pulse; after about ten minutes she took a deep breath, looked wanderingly at the bystanders, and seemed gradually to become conscious of what was said and done; afterwards she felt very weak, and a constant sensation as of a draft of air blowing upon a small spot just below the limbs, which to that point had been cold. After a quarter of an hour the paroxysm was repeated, but was less severe and shorter, and ended with some perspiration. There continued during the whole paroxysm a sensation as if she would fall forward, which impelled the patient to grasp tightly, though standing up, at the same time it seemed as if her mind were absent in a star surrounded by the brightest light, which suddenly disappeared and left her in darkness in her bed; these paroxysms returned every other day,[12].—Paroxysms; after yawning for two hours and scratching the head, a violent spasmodic screaming, while sitting with open eyes intermingled with delirious prattling of unintelligible words, raving, with sensitiveness to the approach or touch of those about her, at first with tossing about, and afterwards lying motionless, with closed eyes and dark redness of the face, followed at last by quiet sleep, until she woke confused and with weak memory; during the paroxysm an unusual quantity of urine passed, and the right hand was spasmodically pressed against the genitals,[12].—(*Chorea;* a chorea that had lasted for years, constantly recurring, but always apparently cured by homœopathic remedies (Belladonna, Stramonium, Agarica, Sulphur, Calcarea), and this time returned in an aggravated form, began to decrease very decidedly, the third day after a dose of Thuja, and then gradually

diminished day by day, till after three weeks there was no further trace of it, while at the same time the general health visibly improved. This cure has now lasted for more than two years, and seems permanent and radical),[12]. —*Catalepsy;* he laid for about two hours rigid and stiff, without consciousness or motion, followed by jerking back and forth,[12].—*Rachitis*, with paralytic-like weakness of the lower extremities, emaciation of them, and relaxation of the ligaments of the joints, followed by swelling of the articulations and curvature of the bones, becomes gradually cured,[12].—(The left-sided paralysis gradually diminishes, especially after the seventh month, so that she is able to walk without a cane),[12].—General debility, with the confusion of the head (thirteenth day); debility (twenty-first day); felt uncommonly debilitated for three days (after thirty-five days),[48].—Quite unwell, faint, debilitated, as by fatigue, without being able to state what ails her (thirty-eighth day),[42].—Feeling *debilitated all over, as by fatigue, and gloomy*, was compelled to take a little wine, after which all the above symptoms disappeared (fifth day),[25].—[**2830.**] Had to lie down on account of increasing debility, and was not able to go to sleep for several hours (fifteenth day); general debility, as from fatigue (sixteenth day),[26].—General debility, with such weakness in the feet that he thought he should fall (sixth day),[68].—On rising, felt debilitated all over, especially in the upper arms and thighs (ninety-seventh day),[43].—General debility and weakness in the feet (second day),[70].—General debility, increasing in the evening, and obliging him to go to bed at 7 o'clock,[57].—Debility, with feeling as if beaten in the limbs, in the afternoon (twelfth day); General debility, at night (twenty-fifth day); after two hours sudden debility, with painful lassitude, with pain in the calves; then an internal chill in the whole body, with dry, hot skin, which compelled him to lie down; he could not, however, keep warm in bed, and the debility increased to such a degree that he could with difficulty move his limbs; at about 10 P.M. this chill first began to disappear, merging in a dry and burning heat, and towards morning a sweat broke out over the whole body; he had no appetite, much thirst, passed no urine during the whole day, and had, during the access of heat, a full, quick pulse and intolerable headache (thirty-fifth day); on the morning of the following day he passed a small quantity of dark-red urine; the sweat continued until noon, and the prover could not leave his bed on account of his extreme weakness; a chill came on again in the evening, followed by a sleepless night (thirty-sixth day); the debility continued, he had no appetite, his tongue was furred, and he urinated copiously (thirty-seventh day),[46].—Great lassitude and weakness in both arms, with frequent tearing in them (first day),[86].—General feeling of malaise, with internal chills (fifth day),[78].—General malaise, with a sensation as if a chill were about to come on, in the afternoon (twenty-first day); general malaise, two hours after dinner (twenty-second day); a special feeling of malaise, with general discomfort (fifty-seventh day); while seated at his writing-table he felt the influence of the drug spreading through his system; but he was obliged to go out; the development of the effects of Thuja are always hindered by bodily movement (fifty-eighth day); at 8.30 P.M. he was seized in the street with general malaise and such universal debility, with weakness in the stomach, that he took a small glass of cordial; after awhile he felt better, but about 10 o'clock he felt an indisposition by no means easy to describe (sixty-second day),[73].—Great general weariness (twenty-fifth day),[77].—[**2840.**] General weariness during the day, as if he had slept none all night (seventh day),[26].—General weariness and uneasiness, with dull

confusion of the head, in the evening (tenth day),[73].—A general feeling of weariness, with a chill over the whole body, in so remarkable a degree that I was obliged to go to bed, although it was only 6 P.M. (thirty-fifth day),[48]. —*General weariness*, with slight headache in the forehead, after dinner (twentieth day),[72].—Weariness and uneasiness in the whole body; the uneasiness less after dinner (seventieth day); general weariness and universal feeling of discomfort (seventy-third day),[72].—Weariness, with apparent loss of sensation in the limbs (ninth day),[57].—In the evening a general feeling of weariness which drove me to bed at 8 o'clock (twelfth day),[49].—Weariness and general weakness, with heaviness in the feet and general feeling of discomfort; she felt as if threatened with a severe attack of illness (twentieth day),[75].—Great weariness and prostration of the body, with aversion to motion, in the afternoon (after eleven hours),[10].—Great weariness, in the morning, on rising,[1].—[**2850.**] General weariness and faintness (twentieth day),[73].—Felt tired after a walk in the morning, and frequently yawned when reading aloud (third day),[90].—More tired than usual at the dispensary (eighth day),[90].—*Weakness* (thirty-first and sixty-sixth days),[42]. —She feels weak and weary, so that she falls asleep several times during the day (first day),[12].—Weakness increasing daily, so that her breath seemed to go, and swelling of the feet,[12].—Weakness of the body, with perfect mental activity,[1].—Standing erect and walking were difficult, and constantly gave out,[12].—On awaking, very weak, and every part of his body felt as though it had been bruised; the weariness nearly disappeared in the course of the day (eighth day),[57].—Felt very weak and unwell, in the evening (twelfth day),[72].—[**2860.**] Weak (fourth day); discomfort, weakness, sleepiness, and yawning (sixty-seventh day),[14].—Weak and debilitated all day (twenty-eighth day),[75].—General weakness (thirteenth and nineteenth days); weakness, even to falling, with the fever (nineteenth day); weak before dinner (twentieth day); very weak and frequently obliged to sit down to rest (twenty-second and twenty-third days); so weak and powerless that she cannot leave her bed (twenty-fifth day); great weakness and prostration (thirtieth day),[76].—Weakness (twenty-second day); with sleepiness, at 11 A.M. and after eating, so that he was obliged to lie down (fifty-fifth day); weak and sleepy towards 5 P.M, so that he was obliged to go to bed, but could not rest, and tossed about constantly, could not find a comfortable spot, and became hot; in spite of the restlessness he felt too weak and indolent to rise; this lasted an hour and a half (sixtieth day),[13].—Great weakness and heaviness after eating, a little motion is very difficult; therewith he feels sick and is obliged to lie down,[4]. —Attacks of excessive weakness, with trembling of the lower extremities and loss of breath, in the evening,[12].—She feels weakest in the morning,[12]. —(Exhaustion after a stool), (after five days),[1].—General exhaustion, as if paralyzed (immediately),[12].—Sudden deep faintness in the afternoon, after an unrefreshing sleep for half an hour, while consciousness continued clear,[12].—[**2870.**] A kind of sudden faintness, at 11 A.M., without loss of consciousness, with icy coldness of the whole body, mostly in the back, with painful, rapid beating of the pulse, heat, intermingled with a sensation as if dashed with cold water, especially from the small of the back downward and around the abdomen, which is sore,[12].—Uneasiness for two hours, in the evening, in bed, before he could fall asleep,[1].—Uneasiness and sensitiveness to cold air, in the forenoon (twenty-fourth day),[73].—General uneasiness for a couple of hours, after dinner (sixteenth day); general uneasiness, restlessness, after dinner (twenty-third day),[72].—Indefinite

feeling of uneasiness (sixty-eighth day),[73].—Uneasiness, as if something were lying upon the heart,[12].—(He becomes restless and ill-humored, on walking violently),[1].—She has rest nowhere,[12].—Restless and ill-humored (seventeenth day),[26].—Tossing about, with voluptuous dreams, at last with lightning-like pain shooting through the back, and ending with weakness,[12]. —[**2880.**] Inclination for exertion, in the evening (thirteenth day),[73].—Walking seems excessively easy, it seems as though her body carried wings, she could run several miles in a remarkably short time, and with an unusual lightness, immediately,[2].—Illusory sensation, as if the whole body were very thin and delicate, and he must avoid every touch, just as if the connection of the different parts of the body were in great danger of being severed, and such a separation was to be dreaded,[7].—General feeling of discomfort (twenty-first day),[76].—Painful sensitiveness to touch of the whole body,[1].—Feeling of taking cold,[12].—In the forearm, several times, a coursing and gurgling, as of single drops of blood rolling one after another,[62].—Bruised sensation in the whole body, especially in the thorax, he could not turn over in the morning, on waking; after lying wide awake for some time this sensation disappeared, but gave place to a stopped catarrh and spasmodic cough, with sensation of soreness and rawness in the chest (twenty-third day),[13].—The whole body feels bruised, in the morning (third week),[14].—Gradual extension, especially of the pain, cramps, and paralysis from without inward, from the periphery towards the centre,[12].—[**2890.**] Jerking of the upper part of the body, during the day,[1].—Pressure in various parts, associated with a scraping prickling sensation, seeming to be even in the bones,[1].—While writing, drawing pressing in the right thumb (for five or six minutes); then in the index, later in the middle, and finally in the little finger; in the afternoon the same sort of a pain appeared in the left arm, shifted then to the upper part of the thigh of the same side, soon after appeared in both mastoid processes of the temporal bones, then in the frontal eminences, where the pain took more of a digging-twitching character, and finally reappeared in the extremities; this wandering about of the pains continued through the following day (seventh and eighth days); for several hours, in the forenoon, the pain remained in the neighborhood of the left wrist, and during the whole afternoon in the upper part of the left thigh (ninth day); while lying down the pressing in the sacrum was fixed in the same spot for a whole hour; it was diminished, and disappeared on motion; but afterwards appeared while lying in bed, in the lower part of the left thigh, in the same spot where it had already appeared once before (tenth day),[56].—Drawing pains, now here, now there (ninth day),[57]; (eighth day),[65].—Transient drawings often flitted about, now here, now there, especially in the upper part of the thigh (fifth day),[66]. —Drawing, now here, now there, but worse on the left side of the body (fifty-third day),[73].—Slight drawing here and there under the skin, in the tendinous expansions (fifty-second day),[73].—Short drawing tearing, now here, now there, but always on the left side of the body (sixty-seventh day),[73].—Drawing tearing in the right arm, especially along the course of the ulnar nerve, in the right thigh, in the right zygoma, and in the right side of the chest, after rising; after a little while these symptoms passed off, and appeared, but weaker, in the left side of the body (sixty-fifth day),[73]. —*Tearing, drawing,* or *sticking* sensations, accompanied with repeated attacks of vertigo, and *a feeling of stiffness in the feet* and back, as far *as the nape of the neck* (after every dose),[30].—[**2900.**] Through the day flying-drawing pains in various parts, especially in the hands (thirteenth day),[43].

—Flying drawing, now here, now there, and troublesome itching in the anus, especially in the evening, developed themselves every day, gradually, however, wearing off (sixteenth day),[48].—Transitory drawing, now here, now there (first day),[49].—Tearing (in the small of the back, in the nape, over the temple, in the knee-joint, in the tarsi, and some of the finger-joints), mostly on the right side (first day),[57].—Drawing and *fleeting deep stitches* in various parts of the body (eleventh day),[23].†—The characteristic tearing-drawing pains (weakly marked), sometimes in the frontal eminences and in the occipital protuberances, sometimes in the middle of the left arm and thigh (only at rest), (after one hour and a half),[57].—Tearing in the concha, the eyeball, the scrobiculus cordis, the shoulderblade, the shoulder and hip-joints, the thigh, from the ischia to the knee, in the leg, in the arm, and forearm,[85].—Frequently a transitory tremulousness over the whole body (seventeenth day),[42].—Having taken much exercise, the pains became less (twenty-sixth day); next day more violent, decreased by degrees on the following days, and ceased, but again returned,[77].—After three weeks, isolated symptoms were still perceived; the pains were, for the most part, drawing, tearing, or crawling, seldom pressing, and least of all, sticking; they were mostly confined to a small spot, seldom continued long, frequently changed their location, and came on more distinctly when at rest than during motion,[56].—[**2910.**] Constant shooting stitches in all parts of the body (eighty-first and eighty-second days),[43].—Sticking and tearing, now in this, and now in that part, scarcely a spot was intact,[58].—Flying stitches in different parts of the body (eighth day),[73].—Sticking in different parts of the body (elbow, tibia, mammæ, chin, scrobiculus, scapula, shoulder-joints),[86].—Sticking in and on almost every part of the body, on the vertex, through the brain, in the eyeball, in the sternum, under the nipples, in the ribs, through the chest, from the scapula through the heart, in the groins, in the maxillary bones, shoulder, elbow, and knee-joint, in the ankle and wrist, in the os ilium, in the thigh, in the calf, in the arm and forearm, in the metacarpal and metatarsal bones, in the tendo Achillis, in the final joint of thumb and great toe, at the root of the nails of the thumb and index fingers,[85].—Sticking (in the ear, under-jaw, splenic region, hip-joint, iliac region, in the middle of the thigh and leg, in the tarsus, shoulder-joint, arm and forearm, carpus), mostly on the right side (first day),[87].—Stickings and tearings sometimes in the same part, sometimes in others (ear, ear-cartilage, ala of the nose, near the sternum, in the epigastrium, between the shoulderblades), and sometimes in all the limbs, in the evening, in bed (second to seventh day),[87].—Its influence upon the muscles was of very short duration,[50].—The peculiarity of the muscular pains was that they generally affected the middle instead of the tendinous portions of the muscle,[62].—The symptoms came on almost exclusively while at rest, remained but a little while, and were either rendered worse, or caused to break out afresh, by the use of spirituous liquors, except the customary beer,[57].—[**2920.**] The symptoms recur in an intermittent type, in one to three days, and duplicate, in the morning, at 10 to 11, 4 to 5, and 10 to 11 P.M., at 12 to 2 at night,[12].—Very much affected by every noise,[12].—Wine aggravates the vertigo, spasms, uneasiness in the blood and the fever; tobacco likewise, so that he is obliged to leave off or reduce the amount of smoking,[12].—Motion aggravates the pressure and heaviness in the stomach, paralysis and vertigo,[12].—All symptoms are aggra-

† These short transient stitches, caused by Thuja, were like electric shocks.

vated towards evening and in the night,[12].—The pains are worse after three o'clock, both in the afternoon and at night, also they prevent falling asleep, in the evening,[1].—Morbid feelings aggravated during rest; and by remaining quiet, symptoms are developed which disappear on motion, in the open air (fourteenth day),[73].—Most of the symptoms came on during rest, many of them on waking, in the morning,[62].—Better and worse on alternate days,[76].—Motion relieves the headache, the sensitiveness and rigidity of the side of the body upon which he has just been lying, and momentarily the heart-cramp,[12].—[**2930.**] Warmth relieves the whole condition, cold aggravates,[12].—The symptoms disappeared in the open air (forty-second day),[67]; (sixty-eighth day),[72]; (fifty-eighth day),[73].

Skin.—Objective. A morbid growth of the hair, which hitherto has covered the larger part of the skin usually not hairy; most of the hair was long, but partly crinkly, partly covered with perspiration, which sticks to the hairs like a sandy dust, gradually disappears, while at the same time a dirty gray cadaverous color of the skin becomes changed to a fresh and healthy color,[12].—Œdematous puffiness of the face and limbs, with swelling of the abdomen, increasing for a long time, then alternating, sometimes more, sometimes less, and at last disappearing with improved health,[12].—General œdematous swelling of the skin, mostly of the abdomen and about the joints,[12].—Blueness of the skin about the clavicular region,[1].—(The chlorotic look of the skin improves from day to day (first four weeks),[12].—The discolored, dirty, bluish-brown skin of the legs remaining after a sore formerly caused by an irritating inunction, now becomes cleaner and clearer (seventh month),[12].—(The burnt color of the skin on the dorsal surface of both hands, as if burnt by the sun, which had persisted unchanged for many years, gradually disappeared during the first nine months),[12].—The skin scales off in large flakes from the cracked lips,[12]. —[**2940.**] Desquamation of the skin of the face, as in measles,[12].—***Eruptions, Dry.*** Round blackish-brown, elevated spots appear in various parts, mostly in the face, nape of the neck, and on the chest,[12].—In the ball of the right hand a brownish-blue spot, extending to the index finger,[12]. —Light-brown, yellowish spots on the face,[12].—On the forehead, over the root of the nose, a red streak, which did not itch nor present any appearance of roughness, in the morning, visible till noon (second day); again visible (third day),[73].—A red mottled, painless spot on the left forearm,[1]. —A mottled red spot, painless, on the back of the right foot,[1].—*On the fifth day, after commencing the proving, **several wart-shaped excrescences,** *of the size of poppy-seed, made their appearance on both hands, gradually increasing during the proving, and amounting in number to sixteen.* At the conclusion of the proving they varied in size, according to the different periods when they had made their appearance. Their shape was that of a truncated cone; their surface was smooth, and they appeared to be seated in the epidermis.† A fortnight after concluding the proving, the warts ceased to grow. The largest warts were of the size of a small pea, and their formerly smooth surface had become rough, and split. The remainder were smooth and of various sizes, according to their respective ages. They remained in that condition for about six weeks, when the larger ones became depressed in the centre, and resembled a little pit, surrounded by an

† She had formerly been troubled with warts, and when she commenced the proving, she had one on the dorsum of the left hand, which had been in existence several years.

elevated ridge. This ridge disappeared gradually, together with the wart. The smaller warts disappeared without going through this process; eight warts still remained (after three months); all warts had disappeared except a small one on the third joint of the left little finger (after five months),[40]. —Warts of the above-described shape on the hands, of which the elder boy had six, the younger five, the girl three.—On the 14th of September, after the results of the provings had set in, new warts continued to make their appearance in the elder boy, and on the 11th of December he had still twenty-two warts of different sizes; while on that day the warts of the younger boy had all disappeared,[41].—Warts still more painful (twenty-fourth day); wart-shaped excrescences of the size of a poppy-seed on the dorsum of either hand, and on the fingers, six on the left, four on the right. The old horny warts are painful when touched, or while she is at work, but the new ones are painless (thirty-first day). The warts look as if split, and exhibit deep, painful rhagades, especially while washing. *The new painless warts* become larger every day (thirty-eighth day). The horny warts become more painful every day, and the skin around them slightly *reddish*. The new warts are painless, almost as large as the old warts, of the shape of truncated cones, have a smooth surface, and appear to be seated in the epidermis only. Besides these warts, traces of new warts are perceived on the dorsa of the hands and on the fingers (forty-fourth day). The old warts, which are very painful, are still surrounded with a red areola, and the rudimentary traces above mentioned have been developed into ten new warts, of the size of poppy-seeds (fifty-fourth day). The old warts present the same appearance as before; the new ones (first crop) assume an irregular shape, and exhibit a *rough surface*. The most recent warts (second crop) are somewhat larger, and traces are even perceived of a third crop (seventy-sixth day). There are four sets of warts; the oldest are still surrounded with red areolæ; the next have a rough surface and irregular shape; the smaller warts of the second crop have a smooth surface, and the shape of truncated cones, and lastly, the warts of the third crop, which are very small, from the size of a poppy-seed to that of a millet-seed (eighty-fourth day). On the appearance of the menses, the old warts became less painful, and the red areolæ paler (ninety-seventh day). The old warts had become smaller, and less painful, and they ceased to crack during washing. The three subsequent crops continued unchanged (one hundred and eighth day). The old warts had ceased to be painful, had much diminished in size, were even scarcely raised above the skin; several of the new warts had disappeared without leaving a trace, and the remaining ones were much diminished (one hundred and twentieth day). The old horny warts had disappeared without leaving the least trace in the epidermis. Of the recent warts there was nothing left except a very small trace of one only (two hundred and twenty-second day),[42].—[2950.] ***Wartlike excrescences frequently appeared** *on the back of the right hand, on the chin and other places*,[57].—A wart on the right side of the neck becomes filled with blood, sensitive, and at last dries up and falls off (after eighteen months),[13].—A painless nodule, of the size of a pea, near the border of the hair on the left side of the nape of the neck, disappearing again on the following day, except a small rough place (twenty-ninth day),[33].—A tubercle on the inner side of the right thigh, an inch and a half from the perinæum, which *felt like a wart*, and looked dark red, of the size of a hempseed, the tip having a *dingy white appearance*, and the base being surrounded with a *bright-red areola* of some three or four lines wide; it

was somewhat painful when touching or moving it, and was filled with pus on the day following (thirty-second day). A few days afterwards it changed to a brown scab, which came off spontaneously,[33].—A painful tubercle of about the size of a lentil in the neighborhood of the anus, on the raphé of the perinæum, which disappeared in two days (sixteenth day),[48].—A small painless, non-itching tubercle, near the raphé of the perinæum, in the morning (thirteenth day),[73].—Two painless tubercles about the size of hempseed, in the sulcus between the nates, not far from the anus (forty-ninth day),[73].—**A red tubercle, between the scrotum and the right thigh* (seventh day),[49].—A gouty node on the left ring finger, which disappeared again after twenty-four hours (fourth month),[15].—White nodes as large as hazelnuts on the calf, with violent itching in and for some distance about them, after rubbing a sticking-burning pain,[1].—[**2960.**] In the evening, three round red spots of the size of a lentil, which itched and obliged me to scratch, appeared on the inner surface of the right forearm near the wrist, the itching became burning when they were scratched (fifteenth day); on the following morning they had disappeared without leaving a trace,[48].—Liver-spots about the neck, with red pimples, small tetters, and many small warts, all of which itched very intensely, and which he was obliged to scratch violently, especially at night (after eleven months),[12].—White dry desquamating tetter scabs over the whole body,[12].—The right hand, from the tips of the fingers to the wrist, becomes covered with a dirty, dry, crusty eruption, thickest between the fingers, at the same time spots of dry tetter appear on the face,[12].—A dirty, gray, dry, scurfy eruption appears beneath the malleoli, and on the backs of both feet,[12].—Dry tetter on the backs of both hands, with red cracked bases, with white desquamation, mostly on the knuckles (fifteenth month),[12].—On the dorsum of the right foot a small blotch, with *a red areola*, which rendered walking in boots difficult (fifth day); the blotch is diminishing, and nothing remains of it, except a dark-red, somewhat elevated spot, with a lighter areola, still impeding walking (seventh day); the efflorescence began to subside (ninth day); another *little blotch* makes its appearance in the still existing red spot on the dorsum of the right foot, impeding the walking very much (fourteenth day),[26].—An old chilblain, on the right heel, reappears, with a very painful red areola, which tolerates no touch (third month),[12].—On the left great toe are two dark-red, somewhat elevated itching spots, near each other, like chilblains, which he has never had before in this place (fifth month),[12].—Itching pimples, which burn on touch, and after scratching, on both knees,[1].—[**2970.**] Papular eruption over the whole face (after seventeen hours),[8].—A red pimple, painfully sensitive to touch, on the left wing of the nose (fifty-ninth day),[13].—Small red pimples on the forehead,[12].—Itching pimples on the margin of the upper lip, towards the middle (after six hours),[8].—Itching pimples on the chin (after five days),[8].—A red inflamed pimple, sore to touch and painful, on the back of the right hand, soon after another appeared between the right thumb and index finger, and afterwards a similar one on the back of the left hand (sixtieth day),[13].—In the middle of the palms of each hand a hard itching pimple developed, which at last discharged a stony hard concretion, which was larger in the right than in the left palm (after nine months),[13].—A streak of small red pimples, close together, extending from behind forward, on both sides of the neck, with soreness on touch (after twenty-six hours),[11].—Papular eruption on the right natis, which itches and burns much on touch, and after scratching,[1].—Red pimples on the inner surfaces

of both tibiæ, so that he had to scratch, the right painfully sensitive to touch (after twelve months),[15].—[**2980.**] Two red pimples, painful to touch, on the inner surface of the right tibia (sixty-ninth day),[13].—***Eruptions, Moist.*** Small red suppurating spots from which a white skin desquamates in many parts of the body (sixth month),[12].—A red pimple full of serum, with some itching behind the left wing of the nose (after six hours),[8].—Red eruption on the nose, with more or less moisture,[12].—Scabby itching eruption on the cheek, not far from the corner of the mouth,[1].—An eruption upon an inflamed surface appeared on the left side of the chin (thirty-sixth day),[77].—Moist pimples on the scrotum,[1].—A moist tetter in the hollows of the knees,[12].—On the inner surface of the left forearm a *red, round, itching spot, with white vesicles* raised upon it, which burst, poured out a clear lymph, and left a yellowish crust behind (after twenty-five days),[28].—A pocklike eruption over the whole body, with a febrile chill in the evening, perspiration at night, afterwards constant cough, burning in the eyes, vertigo and weakness, and relief of all troubles, in a patient suffering from gonorrhœal cachexia (fourth week),[12].—[**2990.**] *Pocks*, preceded by an inexplicable severe illness, with nausea, retching, vomiting, and diarrhœa, constant febrile shivering, followed by heat, causing restlessness, great thirst, and burning dryness of the tongue and throat; they broke out at first in the face and scalp, then in the nape of the neck and back, arms, throat, chest, abdomen, and lower extremities, just like smallpox, they became *confluent*, at the same time they appeared in the mouth, on the tongue, in the fauces, as far as can be seen, associated with burning-sticking rawness in the throat, hoarseness and racking dry tickling cough, with painful difficult swallowing, affecting the trachea and throat. In spite of the pernicious form, the fever remained moderate, the pocks reached their height between the sixth and seventh day, filled with lymph, after which *the suppuration diminished*, the *fever disappeared*, the pocks began to dry up, became covered with a dry scab, which soon scaled off, *without leaving any mark.* The immediate result of the eruption was an improvement and cure of the previous gonorrhœal cachexia, resulting from an infection (sixth month),[12].—Varioloid; the pocks appeared in seventeen children and six adults of various ages, ran a light and short course, similar to varioloid; the more they assimilated the latter form, the less distinctly marked was the improvement of their previous illness,[12].—A pocklike eruption behind the ears, on the chin and forehead, also on the neck, partly becoming small dark-brown warts,[12].—Two pocklike pustules appear on both upper arms, close to a vaccination scar, and within five days disappear with itching, without leaving a trace (eighth month),[12].—(Nettlerash eruption), (after twenty days),[1].—Large red nettlerash eruption, with itching and burning over the whole body, broke out in the morning after the fever at night, it disappeared again till evening; the next day a pocklike eruption broke out, mostly in the elbow joints, and on the abdomen, and here and there in other places, and dried up again after seven days,[12].—Nettlerash eruption breaks out over the face and whole body (fourteenth night), afterwards it frequently appears and disappears,[12].—Nettlerash eruption, with burning and itching on the skin of the right arm and lower extremity, where for a long time there had been tearing pains; with the eruption, the latter disappeared,[12].—Nettlerash eruption on the backs of the hands and fingers whenever he became cold (after seventeen days),[13].—Nettlerash eruption on the back of the hand whenever the hand becomes cool, disappearing in the warmth (forty-second day),[13].—[**3000.**] A kind

of nettlerash on the fingers, in the morning after washing (fourteenth day),[13].—Tetterlike spots of various sizes, with white scabs, appear in various parts of the skin, with a reddish-brown base,[12].—Itching tetter on the right outer ear (sixtieth day),[13].—A brownish-red tetter appears in the nape of the neck and chest,[12].—Shingles; febrile chills with painful drawing in the right elbow, the lower portion of the left arm, and in the right side of the ribs, followed by breaking out in the right breast, on the pit of the stomach around to the spine, of a red pimply eruption, the pimples became confluent, developed into blisters as large as beans, filled with lymph, similar to those caused by Spanish flies; with redness, burning, stinging, and biting in the skin underneath; with swelling of the glands in the right axilla, and in the evening heat, with uneasiness, sweat, palpitation, and oppression of the chest; after lasting fourteen days the eruption became covered with pocklike scabs, which gradually dried and desquamated; after desquamation the scabs remained for a long time very sensitive to touch, and burning with stinging, and somewhat thicker, with shuddering in the back and about the waist, and every morning on rising heat in the face and eyes, with flickering and vertigo for two hours; finally light-brown spots, as large as peas, remained on the abdomen,[12].—An induration, four inches long, covered with a red itching crust, on the right natis, at times itching so violently that he could not refrain from scratching it (twenty-second week),[13].—The tetter on the right natis was painful, very sore and troublesome while sitting; he was usually obliged to sit upon the left natis; a hard seat was more comfortable than a soft or upholstered one, since the latter seemed to heat the part and aggravate the pain (twenty-third week),[13].—Tetter on the right natis, inflamed, painful, burning when touched, especially on pressure, so that he could sit only on the left natis (after six months),[13].—An induration forms in the tetter on the right natis, with griping pressive constrictive pain; this induration increases and forms an abscess of the size of an apple, which after a long time opens, and develops into a carbuncle, with seven openings (after six months),[11].—Numerous small blisters on the left arm, look like fleabites,[12].—[**3010.**] Nodules in the flesh of the left thigh, which become blisters as large as half a dollar; then they become covered with thick white scabs, beneath which white matter accumulates, gradually healing within fourteen days (tenth month),[12].—On a formerly ulcerated spot, on the inner portion of the leg, a thick scabby skin appeared, with blisters about, as if burnt, and underneath the black blisters begins to suppurate, with redness around it; towards morning sudden violent stitches in the heel, extending into the calf, with heat and burning in the foot, and a feeling as if swollen,[12].—***Eruptions, Pustular.*** Pustular eruption between the eyebrows, with some itching (after six hours),[5].—Red pustules above the lip, bleeding on scratching (after thirty-six hours),[11].—Swelling on the upper lip, as if stung by a bee, this suppurated after three days, and formed a scab (nineteenth day),[14].—A painful pustule with red areola appeared on the mons veneris, became larger and more painful daily, and developed into a small furuncle (after twenty-eight days),[13].—Pimples like chicken-pox, with pus at the tips, surrounded by large red areola, in various points on the thighs, elbows, and forearms,[1].—In evening, found on outer side of right lower leg, nearer the knee than ankle, a rather large red pimple, tender to touch, with slight redness and swelling, perceptible to touch around it (fourth day); the pimple has a white head (pus), sometimes painful on walking (fifth day); the pimple is now a rather large irregular pustule, with a well-defined red

areola; tender to touch; it is just like varicella, except in its irregularity (sixth day); areola fading; pustule discharges a little pus on pressure (seventh day); a slight scab where pustule had been (eighth day); scab easily rubbed off (ninth day); slight remains of scab (tenth day); slight desquamation where the circumference of the areola had been (twelfth day); scarcely any remains of it (thirteenth day),[90].—An ulcerating pustular eruption on the right foot heals,[12].—Pimples, like real chicken-pox on the knees; they suppurate, do not itch, and disappear in eighteen hours,[1].—[**3020.**] Several small ulcers on the face, followed for a long time by bluish spots,[12].—The skin of the navel becomes sore and ulcerated for a long time,[12].—Ulcer on the finger, with painful glandular swelling in the axilla, healing within three days,[12].—An ulcer on the right foot that has healed, becomes painful again, and on the malleolus there are two small openings, which exude a little watery lymph, with occasional violent burning and sticking through the heels, and up to the knee; this pain was relieved by *continued eructations*,[12].—Some moisture discharged from an old furuncle, with sticking in it, also itching of a recently-healed furuncle (thirty-sixth day),[13].—A furunculus behind the right ear continued a long while, and formed a scab, from which exuded a glutinous moisture; this soon dried and fell off, when another formed; it was sensitive to touch, and lasted four whole weeks,[57].—Furuncles on the neck, which speedily and easily (within one to three days) become ripe, and discharge a quantity of matter,[12].—Small boils in the neck and hollows of the knees, which heal after five days,[12].—Several small furuncles on the nape of the neck, which gradually dried up (after twelve months),[13].—An itching boil, with a large red areola, near the small of the back,[1].—[**3030.**] A small suppurating boil on the back (sixtieth day),[72].—A large furuncle, simulating a carbuncle, on the right side of the lower abdomen, with swollen glands in the right axilla, suddenly breaks out with a very exhausting fever, but suppurates in a normal manner, and then gradually heals; followed by improvement and cure of a gonorrhœal cachexia (sixth month),[12].—The furuncle on the mons veneris that had already healed, reopened with sticking pain, and discharged some liquid and blood (thirty-fifth day),[13].—A succession of furuncles in the right axilla, with tearing burning pains, becoming abscesses, with sticking, burrowing tearing pains (after twelve months),[13].—Furuncles within the right axilla, causing pain in the whole arm,[12].—An extremely painful boil in the left axilla,[12].—A furuncle in the right axilla, with violent tearing pains, suppurated and discharged much pus; on account of this he passed several sleepless nights, and also on account of violent itching over the whole body, which obliged him to scratch, here and there, with some relief to the itching (after eleven months),[13].—An axillary gland becomes indurated, and inflames and suppurates,[12].—A small furuncle on the right natis, painfully sensitive to touch and pressure (twelfth day),[13].—Boil on the right natis (after six months),[13].—[**3040.**] An abscess on the right natis (after twelve months),[13].—A furuncle in the region of the right trochanter, which at first seemed inclined to disappear soon, but which afterwards became inflamed and very painful, relieved by cold applications (fifteenth day),[15].—Profuse bleeding of the condylomata,[1].—A panaritium on the first phalanx of the right index finger, with suppuration, which very soon opens, and is followed by a warty induration,[12].—Panaritium on the left thumb, coming and going,[12].—Panaritium on the left ring finger, which she had never had before (fourteenth day),[14].—A panaritium on the middle finger of the right hand (after thirty-one days),[13].—Painful

inflamed tubercles on various spots on the body (thirty-first day),[75].—Several inflamed tubercles on the face (thirty-sixth day),[73]; (eighteenth day),[76]. —***Subjective.*** Great sensitiveness of the skin to cool air (twelfth and thirteenth day),[26].—[**3050.**] Sensation of dryness of the skin, especially of the hands,[1].—Tension in the skin of the nape of the neck, on moving the head (after sixteen hours),[11].—*(*The condylomata about the anus are painfully sore, even to touch*),[1].—Pinching and cutting pains in the scar of an abscess, in the right axilla (after twelve months),[13].—Tickling in the condylomata,[1].—Formation of ulcers (after twelve months),[13].—Formication of the right hand (after fourteen months),[13].—Crawling itching over the whole body,[1].—Sensation of creeping of insects in the face and hands (after twelve months),[13].—Creeping, of a handsbreadth, wavelike, as though a roll of blood, an inch thick, were forcing itself through a contracted opening, and as though the skin were raised as much as an inch by it, extending from the right to the left shoulder, in the evening in bed (forty-third day),[13].—[**3060.**] Burning pain in the itching spots of the body, after rubbing,[1].—Burning in an eruption after washing, especially in the face and neck,[12].—Burning pain in the condylomata when touched,[1].—Burning and painful stinging in the condylomata,[1].—Burning, as of ants, on the neck and upper part of the sternum, where there is a nettlerash,[12].—An itching burning in the palms of the hands and between the fingers,[12].—Burning in the skin of the right lower leg (thirty-first day),[72]; (twenty-second day),[73].—Burning-itching redness on the ball of the left great toe, as if frozen, worse on walking about (sixty-second day),[13].—Sticking pain in the scar of an old ulcer that had existed many years previously (thirty-first day),[13].—Stitches in the furuncle that had just healed (thirty-fourth day),[13]. —[**3070.**] Sticking in an old furuncle that was also moist and sensitive when lying upon it (thirty-ninth day),[13].—Sticking burrowing pain in the place where an ulcer had been several years before (forty-second day),[13].—Sticking pain in the scar of an old ulcer (seventy-ninth day),[13].—Frequent sticking, as of needles, especially in the chest, upper and lower extremities,[12].—Sticking, as with a fine needle, in the place of an old ulcer that he had had thirty years before, the scar of which was now scarcely visible, and in an abscess which he had at the beginning of the proving, a sticking burrowing and boring pain at times (after six months),[13].—Violent stitches in the condylomata on the genitals,[1].—*Fine stitches in the condylomata by the anus when walking*,[1].—Painful stitches in the skin of the left elbow,[60].—Constant biting stitches in the skin of the right patella, with twitching jerking in the skin during the sticking (after half an hour),[6].—Biting on the whole body (thirty-third day),[75].—[**3080.**] *Fine prickings in various parts of the skin, as if with needles*, which sometimes changed to a *burning* (ninth day),[32].—Sticking itching over the whole body at night till after 1 o'clock, with no sensation left after rubbing,[1].—*Violent itching on different parts of the skin*, particularly on the breast, with a sensation as if the skin at those points was pierced *with many very fine needles*, which irresistibly obliged him to scratch (seventh day),[44].—Itching over the whole skin, especially on the abdomen, as if covered with an eruption, on going to bed (thirty-first day),[75].—Itching over the whole body, especially in the evening and night,[12]. —Itching and scratching, as though the bed were full of fleas, lasting till after midnight (after eleven months),[13].—Itching stinging in the condylomata,[1].—Tickling itching in the condylomata,[1].—In spots a stitch, leaving behind an itching, as if they had been bitten by fleas or ants,[62].—Itching in the face, so that he is obliged to scratch,[3].—[**3090.**] Violent itching on

the nape of the neck and right natis, which were covered with small pimples; the itching commonly alternated between the nape and the natis, and returned every two to four hours, and he was obliged to scratch (after nine months),[13].—Itching on the forepart of the neck, provoking scratching,[11]. —*Itching, as from fleabites on the abdomen, back, arms, and lower extremities,* especially in the evening and night,[1].—Intolerable itching on the groins, occurring every evening on going to bed, not during the day, or only very transiently (twelfth day),[12].—Violent itching in places in the upper and lower extremities, back, anus, mostly on getting into bed, with a perfectly clear skin, the itching seems to be internal in the tendons and bones,[12].—Itchings on the right knee, left shoulder, on the scrotum, and various other places, soon,[69].—Crawling itching in the upper arm, followed by fine stitching in a small spot,[1].—Itching of the fingers, as after freezing, on becoming cool (after six months),[13].—The inner side of the upper thigh and the parts of the genital organs covered with hair, were very unpleasantly affected with itching and scraping, frequently lasting from five to ten minutes,[62].—Violent itching in distinct points on the inner side of the thigh, and on the parts of the genitals covered with hair,[59].—[**3100.**] Voluptuous itching on the inner side of the back of the right foot (after one hour),[5].—Voluptuous itching beneath the toes of the right foot, noticed in all positions (after ten hours and a half),[5].

Sleep.—Sleepiness. Frequent yawning (first day),[86]; in the evening (twenty-first day),[72].—Spasmodic yawning; frequent inclination to yawn, in the evening in bed, with inability to yawn, as if it remained sticking in the stomach, frequently for several hours, obliging him to sit up, so that by rubbing with the hands he can eructate air and thereby obtain relief,[12].—Drowsiness (twelfth and thirteenth days),[26]; (ninth day),[43]; (first day),[86].—Drowsiness, in the afternoon and evening (fourth day); remarkable drowsiness, after dinner (ninth day); great drowsiness, in the evening (twenty-eighth day),[20].—Extreme drowsiness, all day (first day); sleepiness (second day); drowsiness with the thirst and cold (twelfth day),[76]. —Great drowsiness, in the evening (thirty-fifth day),[73].—Excessively drowsy, in the morning, and was comfortable in bed (thirty-eighth day),[43].—Sleepiness, during the day,[12].—[**3110.**] Sleepy, before dinner (twentieth day); sleepiness, with the fever, in the evening (twenty-second and twenty-third days); dozes much (twenty-fifth day); sleeps much, during the day (twenty-ninth day),[76].—Sleepiness, towards evening, without being able to sleep (after nine hours and a half),[5].—Inclined to sleep constantly,[12].—Sleepiness, after dinner (third day),[74]; (sixty-first and seventy-third days),[73].—Relaxation and sleepiness, in the afternoon (thirteenth day),[73].—He was sleepy during the day, the lids frequently closed, during which he was often obliged to urinate (sixty-second day),[13].—Weak and sleepy, in the morning; was obliged to return to bed and rest, and slumbered for some hours, after which he felt better (fifty-first day),[13].—In the evening he felt sleepy, so that he went to bed at 8 o'clock and fell asleep; he woke at midnight and lay awake for two hours (during which time he had great desire for stool, and pressure, with evacuation of only mucus), (fifty-second night),[13].—He becomes sleepy very early, but sleeps uneasily, with dreams, and wakes very early in the morning, fretful and disinclined to rise,[1].—Frequent sleepiness, while sitting, without weakness (after four hours and a half),[5]. —[**3120.**] Great sleepiness through the day; immediately after rising he would be glad to lie down and sleep; he often sleeps while sitting and writing (after six months),[13].—Excessive sleepiness, in the afternoon; the

eyes close while sitting (after fourteen hours),[8].—In the morning he has not slept enough; is disinclined to rise, fretful, weary, and sick (after thirty-eight hours),[8].—***Sleeplessness.*** *Persistent sleeplessness,[12].—Sleepless for several hours, at night (thirty-fifth day),[14].—Sleeplessness, at night, with great uneasiness and coldness of the body; if he slumbers for a moment *he dreams of dead people*,[1].—It was a long time before he could go to sleep at night (sixty-second day); awoke earlier than usual the next morning,[73].—Did not sleep till toward morning, after which the symptoms disappeared (thirty-first day); sleepless, restless nights (sixty-ninth to seventy-sixth day),[43].—Sleeplessness; he was unable to fall asleep before 1 A.M., slept till 3, and woke again at 5 (fiftieth night),[13].—Could not fall asleep till 2.30 A.M. (seventieth day),[13].—[**3130.**] Night sleepless (seventy-seventh day),[13].—Night sleepless, tossing about from side to side, and in the morning great sleepiness (eighty-fifth day),[12].—Sleeplessness; able to sleep only towards morning (after eleven months),[13].—Could not fall asleep before 4 A.M.; was restless, turned from side to side every few minutes (after twelve months),[13].—Sleepless nights (after one year),[13].—Night sleepless, with internal chilliness and great excitement, while the body is warm externally (twenty-sixth day),[16].—She lies wide awake for a long time without being able to fall asleep, and wakes in the morning weak and unrefreshed,[12].—He slept only till midnight, after which he was quite wide awake without trouble; was not sleepy in the morning,[1].—Before midnight, sleep was destroyed by the emission of much flatulence and by itching and burning in the anus, accompanied by flying stitches in the rectum and by repeated urination (ninth day),[48].—Diminished sleep (after nine days),[42].—[**3140.**] He cannot fall asleep before midnight, and then awakes about 4 o'clock,[1].—Frequent waking, at night (seventh day),[69].—He woke at midnight, and could not fall asleep before 3 o'clock (sixty-second day),[13].—Awoke at 2 A.M. and was unable to fall asleep again (seventy-eighth day),[14].—Woke three times, at night, with anxiety, spasmodic beating of the heart, and pressure in the stomach,[12].—Very short sleep and very early waking, in the morning, so that the most diverse thoughts chased through the head and caused excitement of the whole body, similar to moving and trembling,[12].—At night she woke, having an anxious sensation on every breath, as if the throat were swelling,[12].—Sleep interrupted by frequent waking, when she saw an apparition in the room, to which she spoke, sitting upright in bed; at another time she felt as though some one hit against her, so that she called out, "Who is there?" and started up, when she seemed to see distinctly a basket swimming before her eyes, so that she rose and struck a light in order to see more clearly; after lying down, violent palpitation (twelfth month),[12].—Sleep came late, an unusual occurrence, and was unrefreshing (fourth night),[78].—*Uneasy sleep with dreams* (after sixty-eight hours),[8].—[**3150.**] Uneasy sleep with odorless perspiration (after forty-eight hours),[8].—Uneasy sleep; he tosses about on account of a feeling of too great warmth,[1].—Interrupted sleep, full of anxious dreams (sixth night),[78].—Restless sleep (thirteenth night); sleep extremely restless (nineteenth night); occasional naps during the night (twenty-fifth day),[76].—Sleep restless and full of dreams (fourteenth day); sleep restless and disturbed with dreams (twentieth day); sleep interrupted and restless (thirty-second and thirty-third days); restless sleep and vivid dreams (ninety-third day),[43].—Sleep interrupted by frequent occasion to urinate (twelfth day),[49].—Restless sleep, at night, and frequent urination (fourth day),[20].—Restless nights (eighth, sixteenth, nineteenth, twenty-sixth, and three following nights),[46].

—Restless sleep with lascivious dreams (forty-ninth day),[44].—Restless sleep and confused dreams (fortieth day),[52].—[**3160.**] Restless sleep, interrupted by straining cough (seventh day),[46].—Dozing unrefreshing, and disturbed by frequent starting and horrible images (seventh night),[57].—Very restless night (thirty-fourth night),[75].—Sleep very restless, with frequent starting up in fright and palpitation, for hours,[12].—Restless night; he awoke at 2 A.M. and for an hour could not go to sleep, then fell into a sleep, which was interrupted by frequent waking (fourth day),[65].—Slept very uneasily; rolled constantly about in bed and moaned (thirty-eighth night),[75].—Nights sleepless; could not get quiet; tossed from side to side and moved the feet about; towards noon he was sleepy, but on lying down he became restless and could not sleep; at times he was wide awake on going to bed, as though he had drunk coffee; the mind was very active, and he could not fall asleep all night (after twelve months),[13].—Restless sleep, at night, with frequent rising from bed and much talking, worse by moonlight,[12].—Sleepless, tossing about, even in confused dreams, the whole first night and also the next five nights, and afterwards recurring now and then during the whole proving,[12].—Night restless; he frequently woke and passed from one dream into another, with an emission,[10].—[**3170.**] Constant uneasiness in sleep, because he always wishes to lie in another place, as the parts upon which he lies speedily become very painful,[12].—Great uneasiness before falling asleep; he tossed about and could find no rest,[1].—Uneasiness, at night, and apprehension; could scarcely sleep, with coldness of both legs, which are covered with cold sweat,[1].—She tosses about uneasily for an hour in sleep, before midnight,[1].—Quiet talking in sleep,[1].—She starts up on falling asleep,[12].—Raving at night in sleep, during which he sat up, beat with his hands about the bed, packed his things, and tried to jump out of bed; speaking to him did not suffice to bring him back (fourth week),[12].—She cries out in sleep, at night,[1].—Screaming in sleep from anxious dreams of cats or furious dogs,[12].—***Dreams.*** Sleep at night full of dreams and startings up,[1].—[**3180.**] Unrefreshing sleep, interrupted by terrible dreams (of the dead), (twelfth day); restless dreams (twenty-first night); dreams (twenty-third night); night disturbed by many dreams and frequent micturition (thirty-fifth night),[48].—Sleep interrupted by dreams (twelfth day),[49].—Sleep at night disturbed by heavy harassing dreams (sixteenth day),[76].—Sleep disturbed by *voluptuous dreams* (thirty-seventh day); confused dreams about absurd things (ninety-fourth night),[43].—Long dreams, caused by conversation in the evening, with deep reflection; he relies upon his good conscience when accused of a crime,[11].—He dreams immediately on falling asleep,[1].—After having spent a night full of dreams, woke greatly improved (seventeenth day),[26].—Constant dreaming, with a feeling of great glowing over the whole body,[12].—Dream of the occupation of the preceding evening (seventy-first day),[13].—Unusually vivid dreams at night of long-past events,[12].—[**3190.**] Lively and pleasant dreams (second night),[56].—Anxious dreams with loud cries,[1].—Anxious dream on falling asleep; he felt some dull thrusts in the left side; woke and gasped for air (after eighteen hours),[11].—Disquieting dreams (fourth night),[78].—Frightful dream, from which he awoke with a sensation of heat in the body,[10].—When lying on the left side at night he dreams of dangers and death,[1].—Constant dreams of the features of a corpse,[12].—Dream of an emission that did not take place (seventieth day),[13].—Confused lascivious dreams, at night (forty-second night),[44].—Lascivious dreams, at night, with a pollution (thirty-sixth night),[44].—[**3200.**] Lascivious dreams of coition, but without emission; on waking a

painful erection,[1].—Sleep-waking, in which she seemed to see passing before her eyes, most of the time, different animals; sometimes, also, she sees building-stones,[12].—*Nightmare*, at night, passing off on turning from the left to the right side, which was accomplished with difficulty (seventh month),[12]. —Startled from sleep, at night, by an apparition, the upper part of whose body frequently rose in bed,[12].—When asleep, dead persons appear to her; she can distinctly see and feel them, and she thinks she is talking with them,[12].

Fever.—Chilliness. Chilliness,[42].—Always very chilly,[12].—General chilliness, at 3 P.M. (fifth day),[70].—Chilliness every evening from 6 to 7.30, with excessive heat of the body, dryness of the mouth, and thirst,[1].—Chilliness, without thirst, every morning,[1].—[**3210.**] Chilliness and febrile symptoms, so that he was inclined to lie in bed (twenty-first day),[13].—Chilliness, discomfort, weakness, sleepiness, with drawing and weakness of the calves, so that he was obliged to go to bed (thirty-eighth day),[13].—Chilliness towards 7 P.M., with weakness, so that he was obliged to go to bed; he had scarcely lain down when he was seized with a shaking chill, beginning in the thighs, with blueness of the nails, afterwards with chattering of the teeth, rapid and difficult respiration, as if he had been running; this coldness lasted more than half an hour, when the thighs began to be hot, so that they burnt the hands through the clothing, like a glowing coal, while at the same time the hands and feet were cold; then he was seized with fatiguing cough, with efforts to vomit, ending at first in actual vomiting of mucus and some food, and at last of a bitter substance, which, however, soon disappeared, after which he had a natural taste, but nausea on every thought of food; with these febrile attacks he had yawning and stretching of the limbs; gradually he became warm, though whenever he moved he had a shaking chill; the most distressing symptoms was the hawking of mucus, because he was always obliged to rise, which caused return of the shaking chill; there were associated with these symptoms sticking pains in the metacarpal bones and falling asleep of the fingers of the right hand; as the coldness disappeared he became thirsty, the head was very dull and heavy, with pressure in the forehead and eyes, especially in the right eyeball; after two hours he became sleepy and fell asleep, but woke every half or three-quarters of an hour bathed in perspiration, so that he changed his shirt eight times up to 3 A.M.; he was obliged to put on a fresh shirt always on waking, also to urinate, with evacuation of much clear urine, was also obliged to drink, after this he was always chilly; the head became very painful, and on waking it always seemed as though he were very sick, and were divided into two parts and was not conscious of which part he seemed to have possession (a kind of delirium); on standing up he was dizzy and was obliged to steady himself (forty-eighth day),[13].—Chilliness in the evening, with flushes of heat, perspiration, and weakness, so that he was obliged to go to bed, with dulness of the head, followed by sleeplessness till after midnight (forty-ninth day),[13].—Chilliness, with yawning, recurring daily in the forenoon, with violent one-sided pains in the head, extending thence to the pit of the stomach, with nausea, without being able to vomit, with loss of appetite and constipation (third month),[12].—After waking in the morning with headache, chill at 10 A.M., lasting till noon, followed by heat and nausea, with repeated bilious vomiting in the evening, and diarrhœa, with constant one-sided headache (fourth month),[12].—Chilliness frequently in the daytime (thirty-first to thirty-eighth day); chilliness continues (fifty-fourth day),[42].—Chills over the whole body (first day),[86].—Frequent chills

over the whole body (fifth day),[68].—General chilliness, without thirst, in the evening; pulse 100, full and hard (eighteenth day),[76].—[**3220.**] Sudden violent chill towards evening, followed by heat, with palpitation so violent that it seemed as though the bones of the chest would fly apart, then arrest of breath, with sleeplessness, frightful images before the eyes on falling asleep, with anxious oppression of the heart, fear of death, and cold feet (seventh week),[12].—Felt *chilly* all over, especially on the extremities, at noon (seventeenth day),[26].—Chills, even in a warm room (seventh and ninth days),[66].—In the evening, chilliness for several hours, passing into heat on lying down (fourth day),[75].—Chills, want of appetite, peevishness, and a small weak pulse again made their appearance; she now took Nux vom.; an hour after a shaking chill, lasting half an hour; heat came on over the whole body, preceded by a gradually increasing warmth (forty-sixth day),[76].—Chilliness, without thirst, in the forenoon,[1].—Chilliness in bed, cannot get warm,[12].—Chill and inclination to yawn (fourth day),[14].—Chills in the evening in bed (first day),[86].—Internal chills, with a general feeling of malaise (fifth day),[78].—[**3230.**] Slight chill, with dryness of the throat, painful deglutition, vomiturition, and such a feeling of illness that he was obliged to go to bed before the time (sixth day),[75].—Frequent creeping chills,[80].—Creeping chilliness, with icy-cold hands, in the evening, preceded by slight heat (after five and six hours),[3].—Transitory chill over the whole body, with cold hands in a heated room (within two hours),[71].—*Slight chill* (thirty-first day),[72].—Slight chills in a warm room all day (first day),[69].—Chilliness and headache (twenty-fifth day),[43].—Shaking chill only on the left side of the body, which also feels cold, in the evening in bed,[1].—Shaking chill in the evening on lying down, followed by some heat (after eleven months),[13].—After a night passed with right-sided pain in the head and teeth, and sleepless tossing about, there commenced in the morning a shaking chill, alternating with flushing heat and fluent coryza; this increased during the day; unusual suffering continued through the next night, with sleeplessness and tossing about, and tearing pain in the arms and pelvic region, head and jaws, also the two following days and nights, with increased eructations of air, tense distension of the hypochondriac region, and desire to breathe deeply, till on the fifth day it began to diminish, and on the seventh day ended with clearness of the head, with more difficult and more scanty evacuation of the bowels, and uneasy sleep, with tossing about (fifth day),[12].—[**3240.**] Shaking chill over the whole body, without externally perceptible coldness (after two hours),[5].—Violent shaking chill for a quarter of an hour, about 3 A.M., followed by thirst, then profuse perspiration all over, except on the head, which was only warm,[1].—*Shaking chill, with much yawning; the warm air seems cold, and the sun seems to have no power to warm him* (after three hours),[11].—An internal shaking cold,[12].—*Shivering through and through from the slightest uncovering of the body in warm air*, with or without gooseflesh, while the hands and face were warm (after one hour and three-quarters),[8].—When dressed, he frequently shivers over the whole body, without gooseflesh (after two hours and a quarter),[8].—Shivering (tenth day),[17].—Febrile shivering in bed several nights in succession, during which the skin was moist, but cold,[12].—Repeated shuddering, beginning at the head (fifth day),[78].—Internal shuddering and feeling of cold the whole forenoon, with dull confusion of the head (fifty-sixth day),[72].—[**3250.**] Slight shiverings, which spread themselves little by little over the whole body; afterwards a general sweat broke out, so that in the course of a minute the whole body was wet (seventh night),[57].—Transitory cold-

ness over the whole body, after dinner (third day); coldness all day (twelfth day); frequent creeping coldness, as during a fever, came on during dinner (twenty-first day); feeling of coldness in the forenoon; frequent feverish alternations of cold and heat, in the afternoon (twenty-fourth day),[75].—During the whole forenoon a very unpleasant sensation of cold, the external temperature being 34° F.; the hands and feet icy cold, and the skin of the hands purple (seventeenth day); could not get warm the whole forenoon (fifty-fifth day); feeling of coldness over the whole body in a warm room, especially in the hands (seventy-second day); the temperature of the open air, 27° F., affected him so unpleasantly that he trembled from head to foot with cold (seventy-second day),[73].—Feeling of coldness over the whole body, soon,[68].—Feeling of coldness, with numbness of the left foot (fifth day),[68].—Cold over the whole body, with the thirst (twelfth day),[76].—Coldness and sleepiness followed by heat, in the evening; with the coldness, thirst (eighth day),[16].—Seeming constantly to be taking cold; inclined to coryza, sore throat, swelling of the face, toothache, and ulcerated teeth,[12].—Coldness, as if dead, over the whole body, with anxiety (seventh month),[12].—Icy coldness all over, with cramp in the chest, lasting two or three minutes after being vexed,[12].—[**3260.**] Severe coldness on the appearance of the catamenia, in the night (eighteenth day); alternations of heat and cold, with weakness to the extent of falling; she has observed for several days past that she becomes hot at dinner, and her body is covered with perspiration (nineteenth day); could not sleep after 3 A.M. on account of heat; cool over the whole body before dinner (twentieth day); great heat when walking, in the afternoon; coldness in the back, with heat in the head, great drowsiness and thirst, in the evening (twenty-first day),[76].—He wishes to keep the head and face wrapped up warmly,[12].—The cheeks and nose feel cold as from a draught of cold air,[12].—Shivering in the back (soon, after second dose, second day),[68].—Shivering runs over the back from time to time (after thirty-two hours),[11].—Creeping coldness over the whole back, worse at night in bed,[12].—Coldness in the back, with alternations of heat, in the evening (fourteenth day),[76].—All day coldness, especially in the back, with general weakness and sensation of weariness; in the evening, manifest fever symptoms, as headache, heat of the skin, full, accelerated pulse, besides sticking in the right hypochondrium (especially during respiration), which extended into the sacral region; she went to bed on this account, and general heat came on, succeeded by quiet sleep (fifteenth day),[76].—Coolness and flying shudderings over the back (seventieth day),[72].—Feeling of coldness through the back, with debility and stiffness in all the limbs, in the afternoon and evening (sixteenth day),[26].—[**3270.**] Creeping shudderings, particularly in the back, with hot face (seventy-second day),[73].—Coldness in the back not relieved by the warmth of the stove,[6].—On lying down, painful cold running from the nape over the back, down to the sacral region, which was increased by every movement of the body, and soon disappeared after rising (third day),[74].—Cool extremities, with redness of the face, in the afternoon; copious general perspiration, with diminution of all the morbid symptoms, in the evening, after Cocc. 30th, one drop (twenty-sixth day),[76].—Feeling of coldness, especially in the hands and feet, and on the anterior surface of the thigh down to the knee, when seated in the warm room (seventy-fourth day),[73].—Coldness in the hands and feet (fifty-seventh day),[72].—The hands are constantly cold and wet with cold perspiration,[12].—The hands are cold, red, and dry,[12].—The tips of the fingers are icy cold, as if dead, wh le the rest of the hands,

face, and rest of the body are hot to touch, without thirst (after a quarter of an hour),[8].—A persistent coldness of the lower extremities increases at night to general febrile chill, with simultaneous heat, with sleeplessness,[12].—[3280.] A stiffening coldness of the thighs, extending down to the feet, mostly in the knees, very persistent, even in bed,[12].—Feeling of coldness, especially in the feet (sixty-first day),[73].—Cannot get her feet warm (thirty-ninth day),[16].—Chilly feeling in the feet, which were externally warm to touch, with the feeling of stoppage in the right nostril (fourth night),[65].—A quarter of an hour after going to bed the feet again began to become cold, anxiety came on, and in an instant, in place of the regular beat, he felt a trembling of the heart; a sweat then broke out (eighth night); the coldness of the feet, anxiety, and palpitation were less in amount, and of shorter duration (ninth night),[57].—Feet became as cold as ice, some minutes after going to bed (seventh night),[57].—Feet icy cold and wet, wth perspiration,[12].—***Heat.*** Febrile excitement, with great weakness, with constant lying down and sleeping, violent barking cough, worse at night, loss of appetite and constipation (first days),[12].—In the evening she suddenly became feverish, with stiffness in the chest; afterwards a restless night, the fever gradually increased, with general dry heat and sleeplessness, slight perspiration only on the upper part of the body, painful lips, as if burnt, great weakness, coryza, and cough, with much expectoration and short difficult breath, slimy-coated tongue, sour taste in the mouth, always after eating, loss of appetite, gnawing in the stomach, at night, which obliges him to eat at once; rawness in the throat, tickling and provoking constant cough; violent palpitation over the whole chest, leucorrhœa, and rapid emaciation; the fever reappeared first on the third day, then every day, in the morning, and only gradually disappeared (after thirty days),[12].—Fever, with pain in the head, chest, and throat, chilliness, hot lips, bitter taste, twice vomiting; in the morning, constipation, with frequent ineffectual desire for stool, very slimy-coated tongue, loss of appetite, palpitation, sleeplessness, alternating with partial slumber, during which she talked aloud much, and even heard and understood what was said to her (fourth month),[12].—[3290.] Violent catarrhal fever, with hoarseness and pain in the eyes, whereby the face became dark red, and the eruption on the face and neck became worse, like tetter and raw, and after a few days desquamated and disappeared,[12].—Fever; cold feet, with diarrhœa, tension of the abdomen, with aching in both sides beneath the ribs, red lids and headache, as precursors; afterwards feverish shivering, with thirst and dry lips, constant diarrhœa, consisting of dark green and white mucus, with colic, slimy-coated tongue, loss of appetite, pulse full and 104 to the minute, attacks of faintness, constant great weakness, the tongue is everywhere sore, and covered with thick, very offensive matter,[12].—*Fever, like typhus;* sudden attack of shaking chill, with faintlike loss of all strength, followed by complete loss of consciousness, then burning heat, with dry skin, cold hands and feet, with alternating coldness even of other parts of the skin, constant delirium, day and night, distortion of the whole body, and tossing about from place to place, with constantly recurring convulsions, during which the eyes seem at times widely open and staring, at other times affected by spasmodic movements and especially by amblyopic expression and look, dry cracked lips and tongue, with sore white superficial ulcerations, tympanitic distension of the stomach and intestines, sensitiveness of the whole abdomen, pressure, especially in the cœcal region, constipation, alternating with diarrhœa, scanty reddish-brown turbid urine, inflammatory redness of the glans penis and

orifice of the urethra, respiration alternating with some paroxysms of cough, irregular variable beating of the heart and pulse; here and there, especially in the arm, chest, and scrotum, there were white mottled spots. These symptoms lasted two weeks, followed by pocklike eruption on the chest, with general perspiration and itching of the skin, constant roaring in the ears, after which recovery commenced and progressed, with only the occurrence of several boils, which partly looked like condylomata. After this indubitable, characteristic, pronounced febrile intermezzo, there was a decided improvement of the gonorrhœal taint, which had hitherto existed in consequence of vaccination, especially the onanism, emissions, and pressive paralysis approaching insanity, in a young man, and a complete cure followed,[12].—Feverish all day, especially in the afternoon, with stretching of the limbs, chilliness, with subsequent flushes of heat and some perspiration (twenty-second day),[15].—Paroxysm of fever; towards noon he became weak, slightly chilly, and was obliged to go to bed, followed by flushes of heat, heaviness and dulness of the head and some perspiration; relief after lying down for awhile (fiftieth day),[13].—Much stretching, as if a febrile paroxysm were coming on,[12].—Fever, cold and heat alternating,[12].—Alternations of heat and cold, in the forenoon (eighteenth and twenty-fourth days),[76].—Frequent flushes of heat, all followed by perspiration, with burning in the abdomen and all the limbs,[12].—Flushes of heat every day, after breakfast,[12].—[**3300.**] Flushes of heat, so that perspiration stood upon the face, frequently during the day (thirteenth month),[12].—An agreeable warmth over the whole body, with cold fingers, especially of the left hand, without thirst, the whole evening, with a sensation of gooseflesh and slight shivering creeping over the whole body (after three hours and a half),[5].—Hot pulsation over the whole body,[12].—Violent orgasm of blood every evening, throbbing and beating in the vessels on every motion; while sitting is more quiet,[1].—Violent orgasm of blood, the heart beats violently; on going upstairs she is frequently obliged to rest,[1].—General burning heat, in the evening (thirteenth day),[76].—Uprising of heat, from 10 to 11 P.M., with anxiety and loss of breath and cough (seventh month),[12].—Heat and vertigo, for half an hour (after two hours),[75].—Heat, in the evening, with sleeplessness, and as soon as she closes the eyes, visions of all kinds of figures,[12].—Heat, with uneasiness in the blood, rising up of glowing blood to the chest and head, hammering in the chest and tightness of breath, dark redness of the face, confusion of the head, inflammation of the eyes, heat in the stomach, with longing for ice-cold things, with constant coldness of the feet and great ill-humor,[12].—[**3310.**] Heat in the evening, perspiration and headache, relieved after rising from bed (thirty-ninth day),[13].—Very hot in the morning; chill, followed by heat and sleepiness, in the evening (twenty-second and twenty-third days),[76].—Much dry heat at night, and uneasy sleep,[1].—Only dry heat, without ability to perspire,[12].—Heat, with the feverish pulse (twenty-third day),[76].—*Heat, with thirst, neither preceded nor followed by chilliness, and with activity of mind* (after one and four hours),[5].—Constant heat of the head, so that he did not know what to do, relieved by external cold,[12].—Increased feeling of warmth over the forehead, in the forenoon (third day),[20].—Painful burning on the vertex, both temples, in the upper part of the left side of the chest through to the back, in the right side of the middle abdomen, in the left groin, and in the back, with chilliness through the whole extent, with paralytic heaviness in both lower extremities,[12].—The occiput was externally warmer to the touch in a particular spot, corresponding with which I felt heat and pressure in the brain,[62].

—[**3320.**] Heat in the face (immediately),[79].—Sudden heat of the face and redness (after one hour),[8].—Heat of the face, with heaviness of the head, after eating and towards evening,[12].—Heat of the face, with red, puffy hands and feet, aggravated after eating, with tightness of breath,[12].—The skin of the face is red, heated, frequently scaling, hurts very much when washed, as if raw and too thin,[12].—Constant sensation of heat in the whole face, without change of color and without thirst, the tips of the fingers are cold, the rest of the hands luke warm, and all the rest of the body hot to touch (after three-quarters of an hour),[8].—Heat of the face and burning redness of the cheeks, two evenings in succession,[1].—Heat in the face and redness, without thirst, while sitting (after three hours),[8].—*Sensation of burning heat in the face, which causes neither real heat, nor redness, nor perspiration, with icy-cold hands, with moderate warmth of the rest of the body* (after two hours),[5].—Burning heat only in the face and cheeks, lasting the whole day,[1].—[**3330.**] *Flushes of heat in the face, without thirst*, while the hands and rest of the body were only warm (after half an hour),[8].—Increased warmth in the face, with dull confusion in the head (effect of the alcohol), (twelfth day),[48].—Heat in the cheeks, with the headache (thirty-fifth day),[48].—Violently glowing heat in the cheeks, towards evening (fifty-sixth day),[14].—Redness and burning of the left cheek, with chilliness on the back on every motion, on rising up and sitting down (not when standing or sitting quietly); her fingers become dead,[1].—Great heat and weight upon the chest, breathlessness and occasional dry cough, with sticking in the head, when walking, in the afternoon (twenty-first day),[76].—Burning hot hands,[12].—Hands warm, with distended veins, while the face is cold and the forehead hot (after twelve hours),[8].—***Sweat.*** Sweat and heat towards morning,[1].—A vaporous perspiration broke out all over the body, continuing for half an hour, and followed by diminution of the pain in the nape of the neck, after eating warm soup, in the evening (fifth day),[32].—[**3340.**] The profuse perspiration at night, so that he was obliged to change his shirt three, four, and five times during the first part of the proving, has now ceased for three weeks (seventy-ninth day),[13].—Perspired every night, so that he soaked five to seven shirts, as in the beginning of the proving (after six months),[13].—Perspiration, so that he changed his shirt several times at night, as in the forepart of the proving (after twelve months),[13].—Feeling as though perspiration was about to break out (fourteenth and fifteenth days),[45]. —Constant offensive perspiration (after four weeks),[12].—Rancid-smelling sweat at night, which ended the preceding cramps and fever,[12].—The perspiration of the whole skin permeates the clothing with persistent disgusting, sickening odor, peculiar only to gonorrhœa, in the third month, and persists, alternating in severity, with the general condition for three months unchanged, and gradually disappearing after a very violent coryza,[12].—Sour-smelling sweat, almost every night,[38].—Sour-smelling perspiration at times,[12].—Sweat, on awaking, so strongly on the inner side of the thighs that the skin was completely wet, while the rest of the body was dry (seventy-first day),[73].—[**3350.**] Morning sweat of a yellow color on the abdomen and natis,[12].—Sweat in the morning lasting a long time,[12]. —Perspired at night (twenty-ninth day),[76].—As soon as he fell asleep at night an agreeable warm perspiration broke out on all parts that were covered, which disappeared on waking; this was frequently repeated at night,[4].—Nightsweat with restless sleep,[12].—Profuse night perspiration, but unusually cold feet,[12].—**Profuse nightsweat, staining the clothes yellow,* **as if saturated with oil,**[12].—Cold sweat over the whole body (twentieth day),[43].—

Cold perspiration,[12].—Perspiration on motion (forty-ninth day),[12].—[**3360.**] Perspiration on the forehead daily, in the morning,[12].—Profuse perspiration all over the male genitals,[1].—**Profuse sweat about the genital organs*, on waking (ninth day),[33].—**Scrotum, perinæum, and the inner surface of the thighs, dripping with sweat*, on waking in the morning (thirteenth day),[32].—**Perspiration on the scrotum*,[1].—Perspiration on one-half of the scrotum,[1].—Perspiration on the hands and feet,[1].—Profuse perspiration in the axillæ,[1].—Reddish-colored sweat in the axillæ,[12].—Offensive perspiration between the lower extremities,[12].—[**3370.**] Perspiration on the upper part of the thigh, near the genitals, while sitting,[1].—Feet sweat constantly (forty-fourth day),[42].—**Perspiration on the feet*, especially on the toes,[1].—Perspiration on the feet becomes worse and offensive,[12].—The perspiration on the feet is increased, so that on waking, in the morning, the bed is quite soaked through, and the stockings have to be changed every two or three hours, with scaling of the skin of the soles,[12].—The perspiration of the feet, hitherto suppressed, returns with general improvement,[12].—Profuse perspiration on both heels,[12].

Conditions.—**Aggravation.**—(*Morning*), Insane fancy; vexation; vertigo; on rising, vertigo; dull headache; headache; pressive pain in forehead and eyes; pain in forehead; tearing in right side of head; sticking in eye; agglutination of eyes; weak vision; 7 A.M., pain in face; jerking pain in hollow tooth; bad taste; insipid taste; hawking; on waking, thirst; sour eructation; pressure in stomach; diarrhœa; 5 to 10 A.M., desire to urinate; erection; hoarseness; cough; oppression of breath; on waking, drawing in left side of neck; sticking and tearing in ankles and feet; 3 to 6 A.M., pain in arms; drawing in arms; on waking, weakness; contraction in left calf; the symptoms.—(*Forenoon*), 10 to 11 A.M., tearing in teeth; the symptoms; chilliness.—(*Afternoon*), After 3 P.M., the symptoms.—(*Evening*), Weeping; vertigo; pain in abdomen; tearing in right side of head; on walking in open air, fulness and pressure in occiput; burning in eyelids; aching in ear, teeth, and right eye; dry catarrh; pain in face; till midnight, toothache; tearing in teeth; aching in gums and lower incisors; insipid taste; nausea; cramp in stomach; 6 to 8 P.M., burning in trachea; hoarseness; itching; 6 to 7.30, chilliness; orgasm of blood.—(*Night*), Anxiety; on waking, vertigo; pain in head; eyes agglutinated; on lying down, pain in face, teeth, and ear; tearing in face; grating of teeth; tearing toothache; constriction in epigastric region; 2 to 3 A.M., pressive fulness in right side of abdomen; cutting colic; diarrhœa; cough; short breath; pain in chest; tearing in lower extremities; 10 to 11 P.M. and 12 to 2 A.M., the symptoms; itching; perspiration; rancid sweat.—(*Open air*), Lachrymation; dim vision; dry, tickling cough.—(*In bed*), Pains in head and teeth.—(*Bending body*), Pains in lower half of spine.—(*Bending backward*), Pain in abdominal muscles.—(*Bending body to right side*), Tearing in pit of stomach; tearing in right popliteal space.—(*After breakfast*), Flushes of heat.—(*Deep breathing*), Stitch in right lung.—(*Chewing*), Drawing in temporal muscles; pain in left temporal muscle; toothache in back teeth.—(*Closing eyes*), Vertigo.—(*Cold*), The symptoms.—(*Coughing*), Stitches through brain; stitch in right inguinal region; stitch in right lung.—(*Cold drinks*), Pain in hollow tooth.—(*After dinner*), Vertigo.—(*After eating*), Disinclination to talk; loss of ideas; qualmish taste; slimy taste; sour taste; hiccough; pain in pit of stomach; pressure in stomach; flatulent troubles; cough; difficulty of breathing; pain in chest.—(*After eating ices*), Scraping sensation in throat.—(*While eating*), Toothache in lower teeth; eructations of air.—(*Entering warm room*), Toothache.—(*On going to sleep*), Drawing pain from inguinal

glands, through thighs to knees.—(*Going upstairs*), Pain in tibia; difficult breathing.—(*Deep inspiration*), tension in hypogastrium.—(*Laughing*), Pressure and sticking in throat.—(*Bright light*), Stitches in eyes.—(*Looking intently at work*), Pain in right side of head.—(*Looking downward at moving objects*), Vertigo.—(*Looking to left*), Whirling in head.—(*Looking sideways*), Vertigo.—(*Looking upwards*), Vertigo.—(*Lying*), Vertigo; tearing in head.—(*Lying on back*), Pressure in stomach.—(*Lying on right side*), Stitches in right side of abdomen.—(*Lying on left side*), Palpitation.—(*Lying on side*), Cramp at heart.—(*Lying on shoulder*), Pain in it.—(*Meals*), Pressure in stomach.—(*During meals*), Sticking in region of spleen.—(*Motion*), Vertigo; heaviness in head; pain in right temple; heaviness and pressure in stomach; paralysis; palpitation; drawing in limbs; pain in third phalanx of index finger.—(*Rapid motion*), Shortness of breath.—(*Motion after eating*), Weakness of stomach.—(*Motion of head*), Pain in forehead; sticking pain in right side of head; pain in vertex; stiffness of neck.—(*Moving head sideways*), Vertigo.—(*Moving neck*), Stitch in cervical muscles.—(*During music*), Weeping and trembling of feet.—(*Pressure*), Soreness in right ala of nose; pressive pain in chest; soreness in knees.—(*During rest*), Pain in right parietal bone; drawing in thumb and finger; pain in extremities; tearing in right arm; the symptoms.—(*While sitting*), Stitches in penis; stitches from groins, through thighs; burning in anus; drawing pain in back; pressive pain in back; weakness in small of back; pain in coccyx; drawing in sacrum, coccyx, and thigh; aching in right natis.—(*Smoking*), Headache; toothache; qualmishness; puffed feeling in abdomen.—(*Sneezing*), Sticking in lower part of right lung.—(*Spirituous liquors*), The symptoms.—(*Standing*), Pain in groin; pain in small of back.—(*Stooping*), Vertigo; heartburn; palpitation; pain in small of back; shooting in left hip.—(*During stool*), Fluent coryza.—(*Stretching body*), Compressed feeling in breasts.—(*Swallowing*), Pain in forehead; pinching in left ear; roaring in ears; stitch beneath right side of tongue; stinging pain in throat; sore pain in throat; sticking in left side of trachea.—(*Talking*), Pressure and sticking in throat.—(*Loud talking*), Dry cough.—(*Tobacco*), The symptoms.—(*Touch*), Pain in left eye; pain in third phalanx of index finger.—(*Turning head suddenly*), Stitches in head.—(*Turning body*), Pain in small of back.—(*On urinating*), Biting pain in urethra; cutting pain in urethra; burning in urethra; itching in glans penis.—(*On waking from sleep*), Headache from forehead to occiput.—(*Walking*), Vertigo; cutting in side above liver; sticking pains in liver; pain in groin; pressing pain in testicles; itching of pudenda; sticking in pudenda; asthma; pain in left side of back; heaviness of right lower extremity towards evening; tension from hip to groin and thigh; pain in thigh; throbbing pain on outer side of knee; stitches in condylomata.—(*Walking in open air*), Staggering; headache; pain in cheeks; pain in right deltoid muscle; sensation of dislocation in knee and hip joint.—(*Warm soup*), Toothache.—(*Wine*), Vertigo; spasms; uneasiness in blood; fever.—(*On yawning*), cracking of joints of lower jaw.

Amelioration.—(*Open air*), Dry feeling in nose; the symptoms.—(*Bending backward*), Pain in head.—(*Eating*), Pain in forehead.—(*Eructation of gas*), Nausea.—(*Deep inspiration*), Stitches on right side.—(*Lying on left side*), Pressure in stomach.—(*Motion*), Headache; sensitiveness and rigidity of side of body; heart cramp; tearing in right arm.—(*Pressure*), Pains in head.—(*Rubbing forehead with hand*), Headache.—(*Walking*), Pain in face, teeth, and ears.—(*Walking in open air*), Headache.—(*Warmth*), Pain in face, teeth, and ears; faintness at heart; the symptoms.

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